

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\
 Data File : BF078235.D
 Acq On : 3 Apr 2015 9:50
 Operator : TP/IZ
 Sample : G1731-04MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MSD

Quant Time: Apr 03 11:58:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 13:21:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	48843	20.00	ng	0.01
21) Naphthalene-d8	8.60	136	201123	20.00	ng	0.01
38) Acenaphthene-d10	10.76	164	103264	20.00	ng	0.00
63) Phenanthrene-d10	12.60	188	199663	20.00	ng	0.01
75) Chrysene-d12	15.88	240	214501	20.00	ng	0.01
86) Perylene-d12	17.68	264	210732	20.00	ng	0.09

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	233403	78.79	ng	0.02
7) Phenol-d6	6.64	99	300872	81.04	ng	0.03
23) Nitrobenzene-d5	7.72	82	175105	52.77	ng	0.01
41) 2,4,6-Tribromophenol	11.74	330	71526	83.52	ng	0.00
44) 2-Fluorobiphenyl	9.95	172	366907	50.79	ng	0.01
78) Terphenyl-d14	14.59	244	411371	43.34	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.87	88	22298	16.65	ng	87
3) Pyridine	2.52	79	63937	18.22	ng	93
4) n-Nitrosodimethylamine	2.44	42	34625	25.63	ng	89
6) Aniline	6.61	93	79735	15.14	ng	# 86
8) 2-Chlorophenol	6.76	128	92744	26.48	ng	98
10) Phenol	6.65	94	117227	26.35	ng	96
11) bis(2-Chloroethyl)ether	6.72	93	79793	24.94	ng	97
12) 1,3-Dichlorobenzene	6.94	146	89250	23.20	ng	# 90
13) 1,4-Dichlorobenzene	7.04	146	91127	23.53	ng	98
14) 1,2-Dichlorobenzene	7.22	146	88104	24.26	ng	98
15) Benzyl Alcohol	7.22	79	72002	27.60	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.39	45	110230	25.83	ng	# 5
17) 2-Methylphenol	7.39	107	73776	27.13	ng	94
18) Hexachloroethane	7.64	117	30209	23.13	ng	93
19) n-Nitroso-di-n-propylamine	7.55	70	64156	26.19	ng	92
20) 3+4-Methylphenols	7.58	107	95467	26.31	ng	97
22) Acetophenone	7.54	105	122500	26.14	ng	# 97
24) Nitrobenzene	7.74	77	91669	26.43	ng	95
25) Isophorone	8.04	82	166202	26.39	ng	93
26) 2-Nitrophenol	8.13	139	39538	23.92	ng	92
27) 2,4-Dimethylphenol	8.22	122	78739	25.62	ng	94
28) bis(2-Chloroethoxy)methane	8.33	93	102947	25.49	ng	98
29) 2,4-Dichlorophenol	8.45	162	76091	27.21	ng	97
30) 1,2,4-Trichlorobenzene	8.53	180	77885	24.29	ng	99
31) Naphthalene	8.62	128	266236	25.43	ng	99
32) Benzoic acid	8.34	122	31045	24.68	ng	91
33) 4-Chloroaniline	8.72	127	74296	17.10	ng	96
34) Hexachlorobutadiene	8.78	225	42284	24.02	ng	98
35) Caprolactam	9.14	113	22012	26.37	ng	94
36) 4-Chloro-3-methylphenol	9.34	107	81862	29.01	ng	91
37) 2-Methylnaphthalene	9.48	142	182528	25.68	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	78489	24.53	ng	99
40) Hexachlorocyclopentadiene	9.68	237	39850	33.28	ng	96
42) 2,4,6-Trichlorophenol	9.85	196	54348	26.93	ng	98

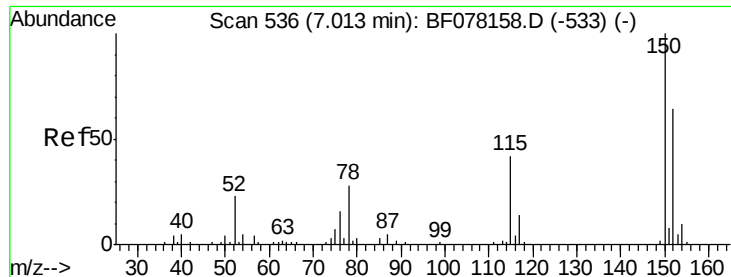
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 13:21:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.90	196	55765	26.45	nq	# 83
45) 1,1'-Biphenyl	10.06	154	214783	25.43	nq	99
46) 2-Chloronaphthalene	10.08	162	167809	25.25	nq	97
47) 2-Nitroaniline	10.22	65	49840	30.31	nq	# 84
48) Acenaphthylene	10.59	152	271744	25.32	nq	100
49) Dimethylphthalate	10.46	163	210954	27.19	nq	# 97
50) 2,6-Dinitrotoluene	10.53	165	42820	26.83	nq	# 76
51) Acenaphthene	10.81	154	153149	25.35	nq	99
52) 3-Nitroaniline	10.74	138	45111	24.86	nq	93
53) 2,4-Dinitrophenol	10.88	184	8644	24.93	nq	# 90
54) Dibenzofuran	11.01	168	233495	25.30	nq	95
55) 4-Nitrophenol	11.01	139	151791	112.42	nq	# 26
56) 2,4-Dinitrotoluene	11.02	165	55637	26.91	nq	# 80
57) Fluorene	11.44	166	195717	26.16	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.18	232	43305	27.71	nq	99
59) Diethylphthalate	11.33	149	194007	25.94	nq	98
60) 4-Chlorophenyl-phenylether	11.46	204	86871	25.24	nq	94
61) 4-Nitroaniline	11.49	138	46260	25.21	nq	97
62) Azobenzene	11.65	77	201876	29.57	nq	85
64) 4,6-Dinitro-2-methylphenol	11.53	198	9557	16.49	nq	# 58
65) n-Nitrosodiphenylamine	11.61	169	171933	24.89	nq	99
66) 4-Bromophenyl-phenylether	12.05	248	52619	24.88	nq	93
67) Hexachlorobenzene	12.11	284	55132	23.79	nq	96
68) Atrazine	12.28	200	49624	24.81	nq	93
69) Pentachlorophenol	12.37	266	48751	50.60	nq	99
70) Phenanthrene	12.62	178	284133	24.60	nq	100
71) Anthracene	12.69	178	282523	24.82	nq	99
72) Carbazole	12.91	167	289317	27.13	nq	97
73) Di-n-butylphthalate	13.36	149	319863	26.47	nq	99
74) Fluoranthene	14.10	202	314260	25.80	nq	92
76) Benzidine	14.29	184	148921	18.03	nq	97
77) Pyrene	14.37	202	333336	24.75	nq	99
79) Butylbenzylphthalate	15.22	149	148577	28.95	nq	# 81
80) Benzo(a)anthracene	15.87	228	307858	24.12	nq	99
81) 3,3'-Dichlorobenzidine	15.86	252	103574	24.23	nq	# 99
82) Chrysene	15.92	228	294476	24.56	nq	99
83) Bis(2-ethylhexyl)phthalate	15.95	149	224159	27.85	nq	97
84) Di-n-octyl phthalate	16.76	149	392957	29.73	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.01	276	346688	25.48	nq	# 86
87) Benzo(b)fluoranthene	17.21	252	373063	28.64	nq	# 98
88) Benzo(k)fluoranthene	17.21	252	354747	30.65	nq	# 97
89) Benzo(a)pyrene	17.61	252	305959	26.92	nq	99
90) Dibenzo(a,h)anthracene	19.05	278	277702	24.40	nq	100
91) Benzo(g,h,i)perylene	19.40	276	286897	25.15	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

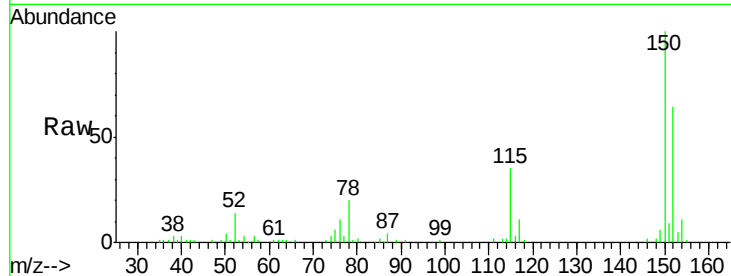


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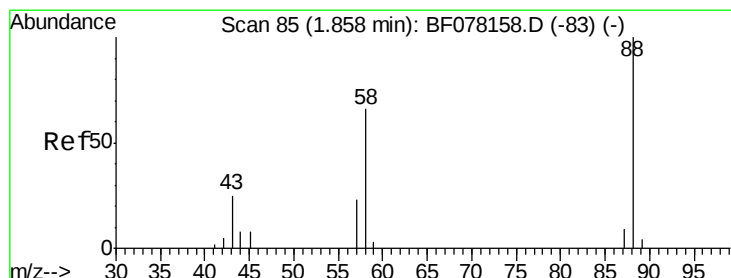
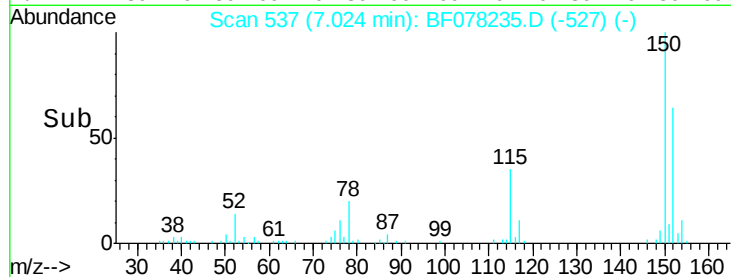
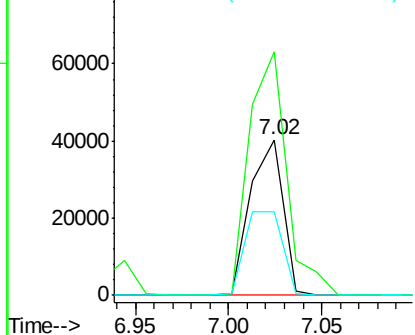
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.02 min Scan# 537
Delta R.T. 0.01 min
Lab File: BF078235.D
Acq: 3 Apr 2015 9:50

Instrument :
BNA_F
ClientSampleId :
COMP-4MSD

Tot Ion:152 Resp: 48843
Ion Ratio Lower Upper
152 100
150 156.5 125.9 188.9
115 54.1 52.7 79.1



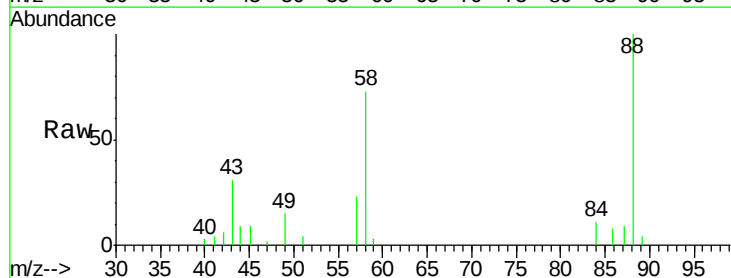
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



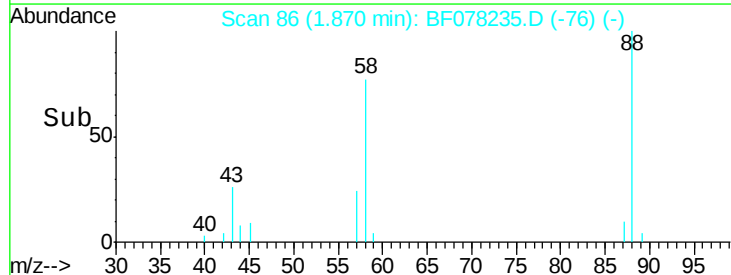
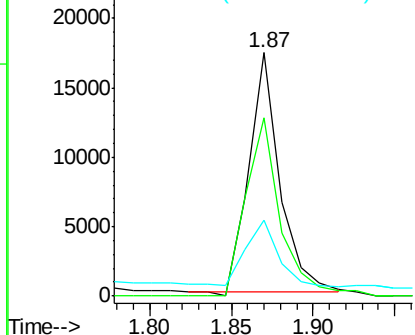
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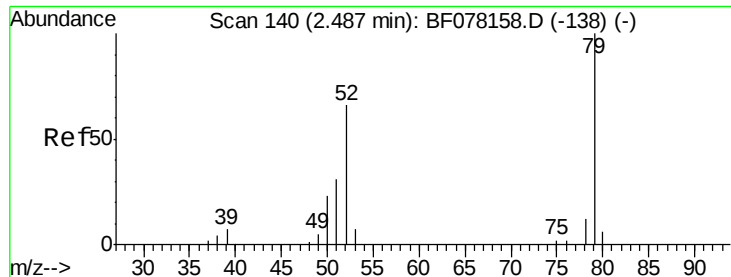
1,4-Dioxane
Concen: 16.65 ng
RT: 1.87 min Scan# 86
Delta R.T. 0.01 min
Lab File: BF078235.D
Acq: 3 Apr 2015 9:50

Tgt Ion: 88 Resp: 22298
Ion Ratio Lower Upper
88 100
58 83.5 56.9 85.3
43 29.9 21.4 32.2



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 18.22 ng

RT: 2.52 min Scan# 143

Delta R.T. 0.03 min

Lab File: BF078235.D

Acq: 3 Apr 2015 9:50

Instrument :

BNA_F

ClientSampleId :

COMP-4MSD

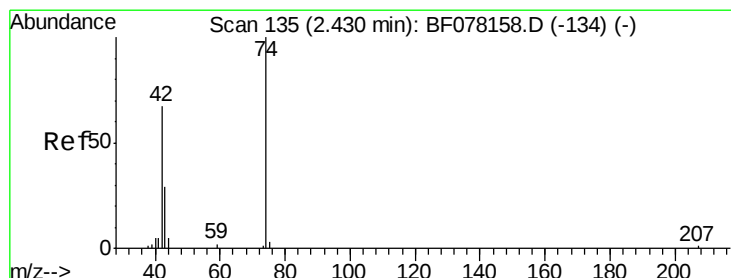
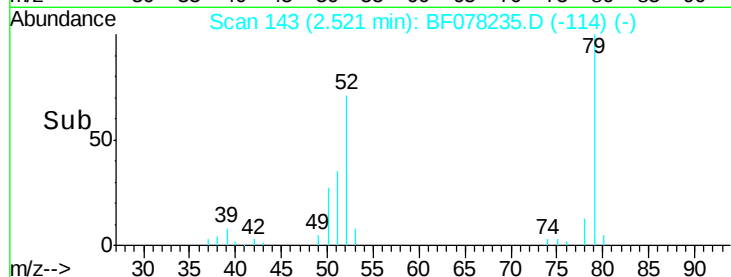
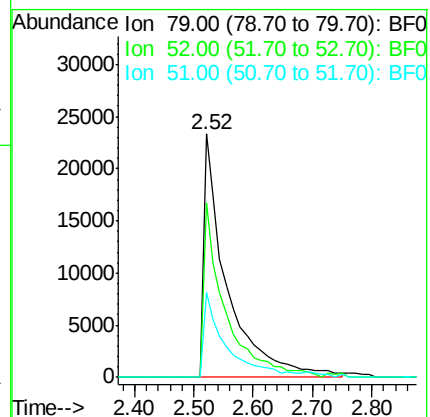
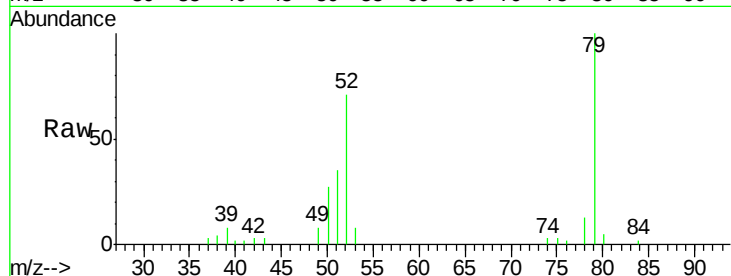
Tot Ion: 79 Resp: 63937

Ion Ratio Lower Upper

79 100

52 71.4 52.4 78.6

51 35.0 24.9 37.3



#4

n-Nitrosodimethylamine

Concen: 25.63 ng

RT: 2.44 min Scan# 136

Delta R.T. 0.01 min

Lab File: BF078235.D

Acq: 3 Apr 2015 9:50

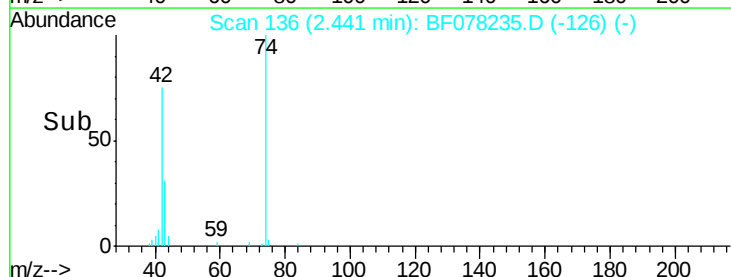
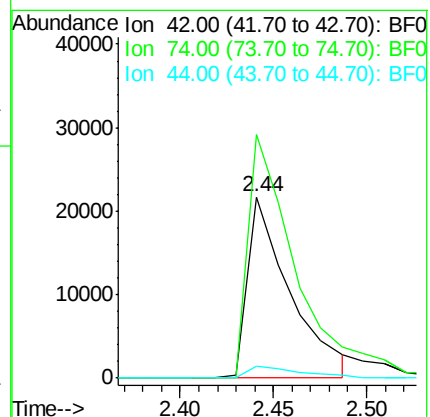
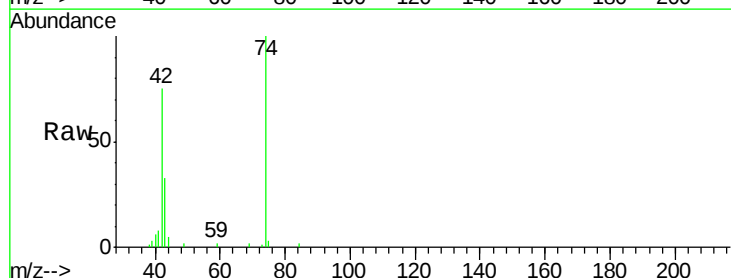
Tgt Ion: 42 Resp: 34625

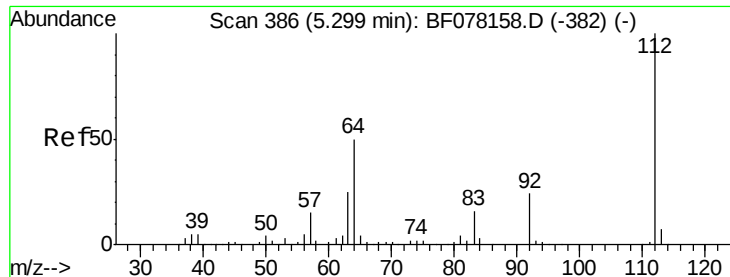
Ion Ratio Lower Upper

42 100

74 134.2 118.7 178.1

44 6.8 5.9 8.9





#5

2-Fluorophenol

Concen: 78.79 ng

RT: 5.32 min Scan# 388

Delta R.T. 0.02 min

Lab File: BF078235.D

Acq: 3 Apr 2015 9:50

Instrument :

BNA_F

ClientSampleId :

COMP-4MSD

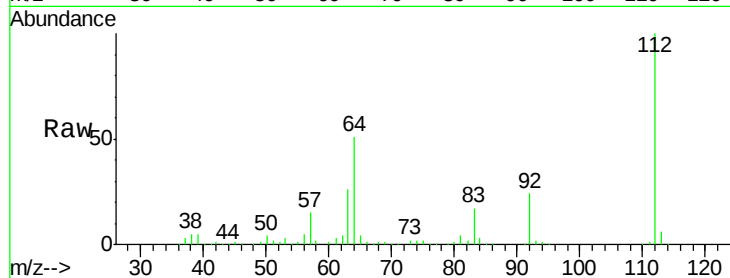
Tot Ion:112 Resp: 233403

Ion Ratio Lower Upper

112 100

64 51.5 39.9 59.9

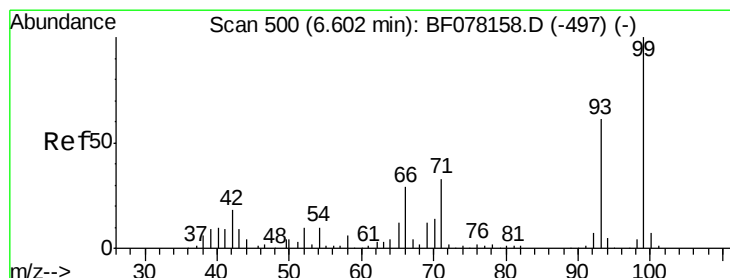
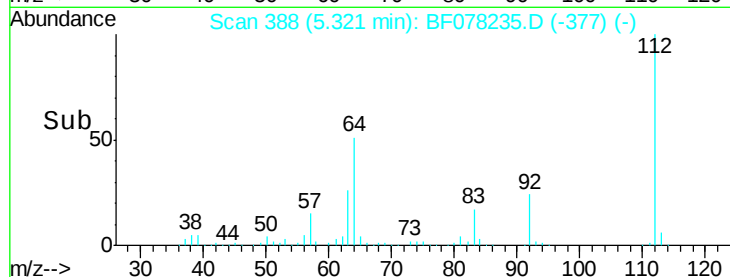
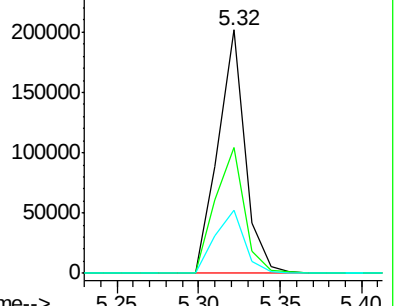
63 26.1 20.2 30.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.14 ng

RT: 6.61 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF078235.D

Acq: 3 Apr 2015 9:50

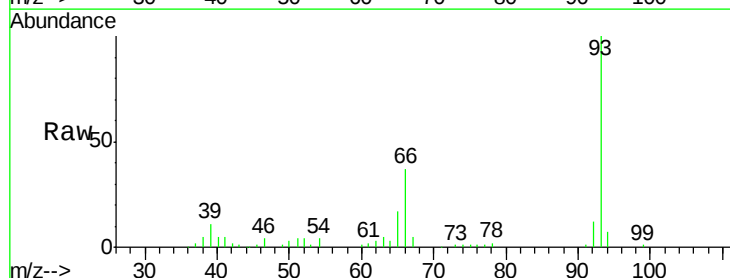
Tgt Ion: 93 Resp: 79735

Ion Ratio Lower Upper

93 100

66 36.6 38.0 57.0#

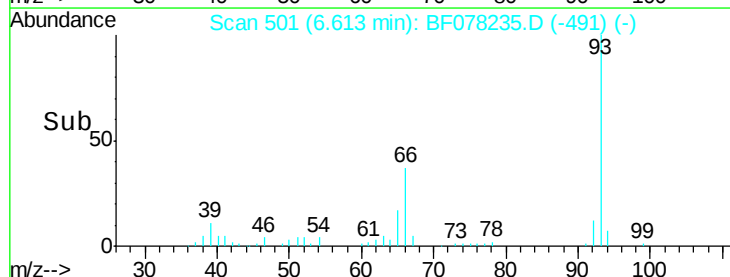
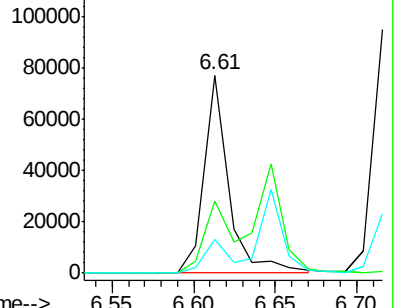
65 16.9 16.3 24.5



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.04 ng

RT: 6.64 min Scan# 503

Delta R.T. 0.03 min

Lab File: BF078235.D

Acq: 3 Apr 2015 9:50

Instrument :

BNA_F

ClientSampleId :

COMP-4MSD

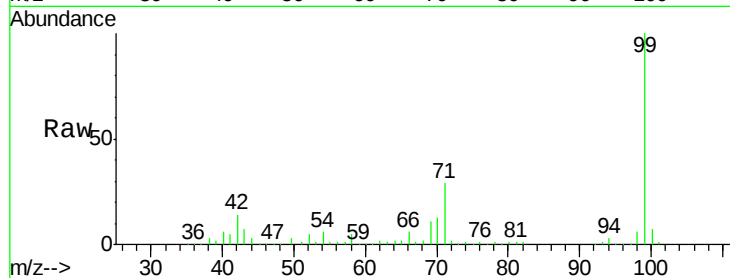
Tot Ion: 99 Resp: 300872

Ion Ratio Lower Upper

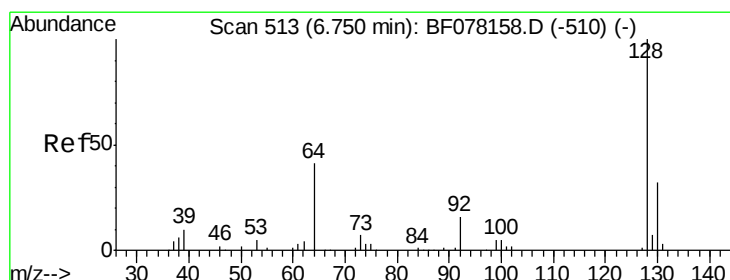
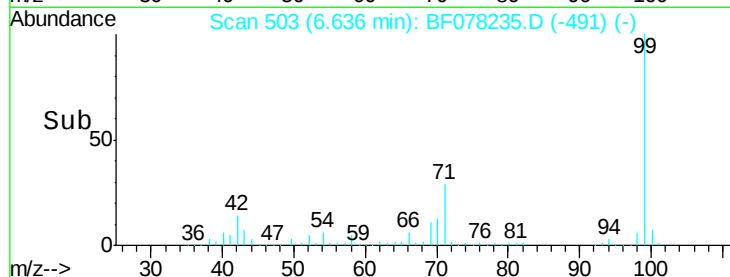
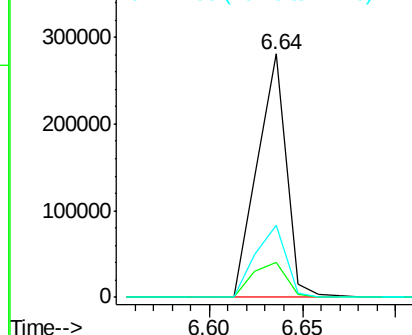
99 100

42 14.4 14.8 22.2#

71 29.4 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 26.48 ng

RT: 6.76 min Scan# 514

Delta R.T. 0.01 min

Lab File: BF078235.D

Acq: 3 Apr 2015 9:50

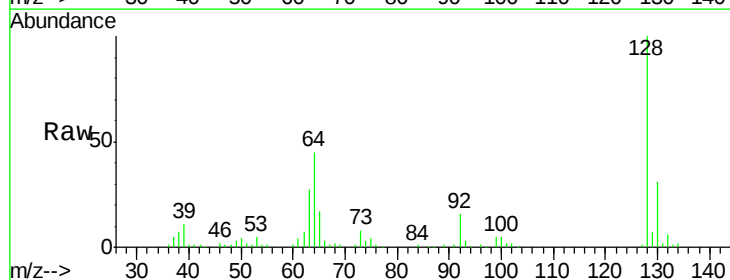
Tgt Ion: 128 Resp: 92744

Ion Ratio Lower Upper

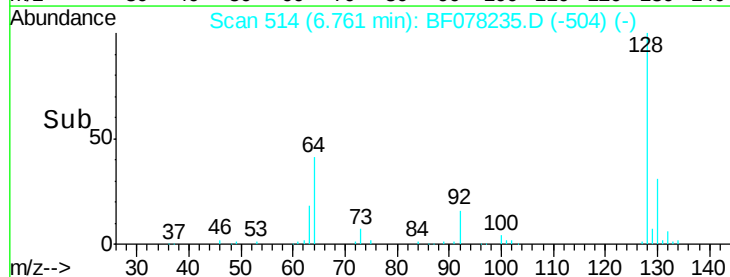
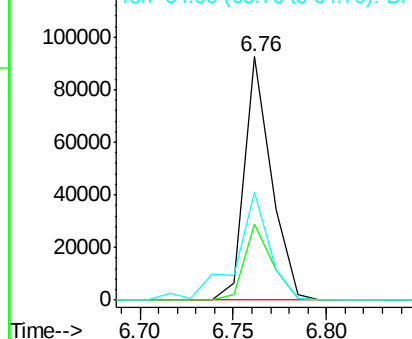
128 100

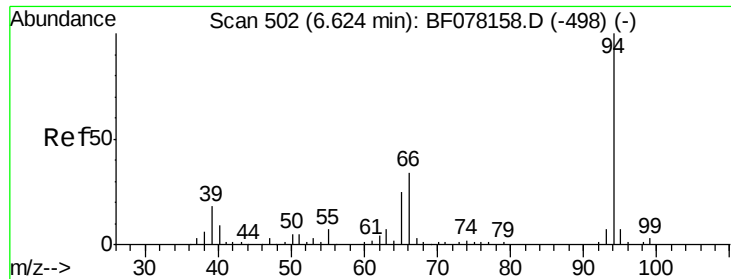
130 31.1 12.3 52.3

64 44.6 23.8 63.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

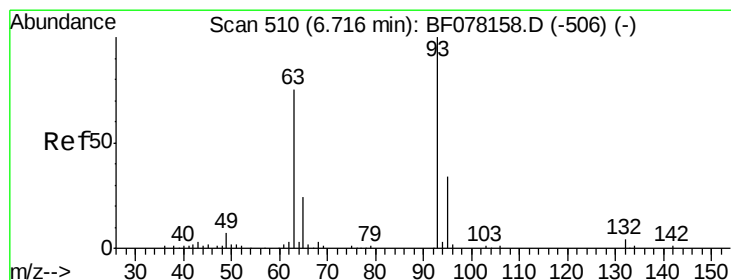
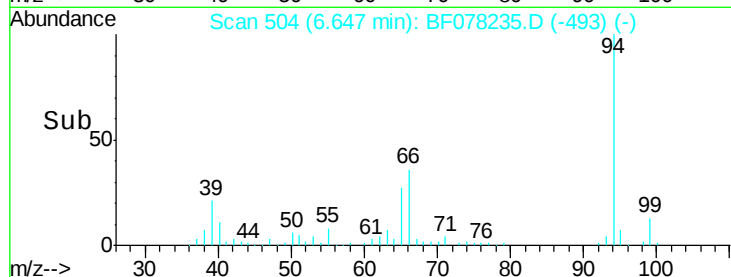
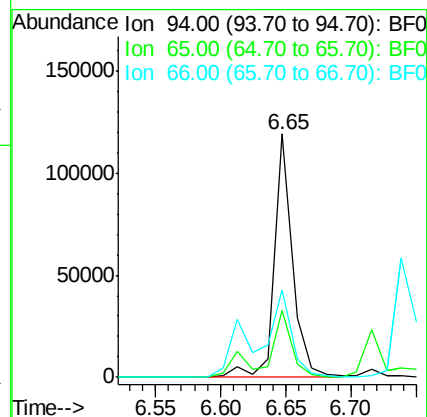
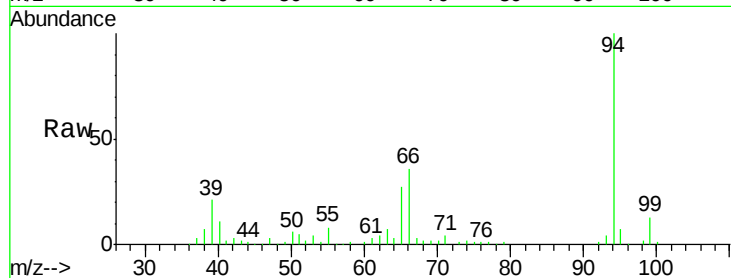




#10
Phenol
Concen: 26.35 ng
RT: 6.65 min Scan# 504
Delta R.T. 0.02 min
Lab File: BF078235.D
Acq: 3 Apr 2015 9:50

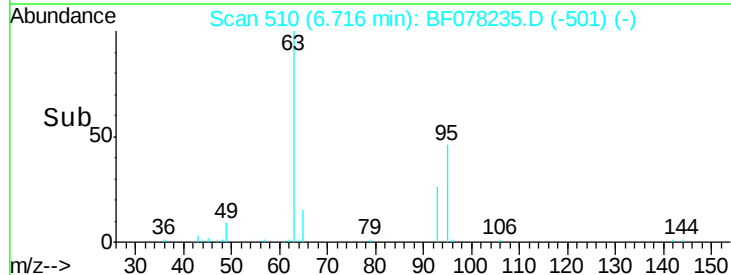
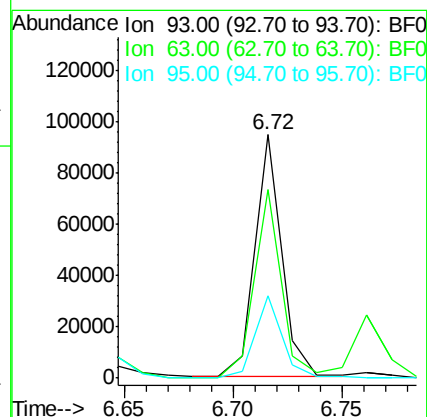
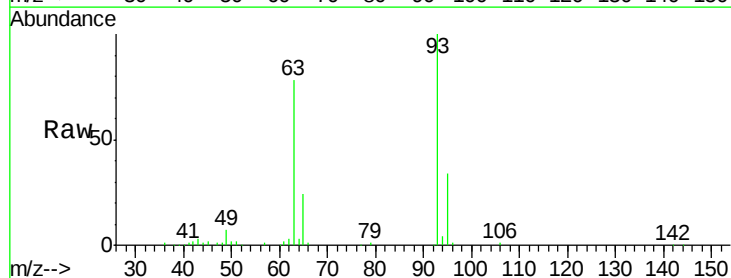
Instrument :
BNA_F
ClientSampleId :
COMP-4MSD

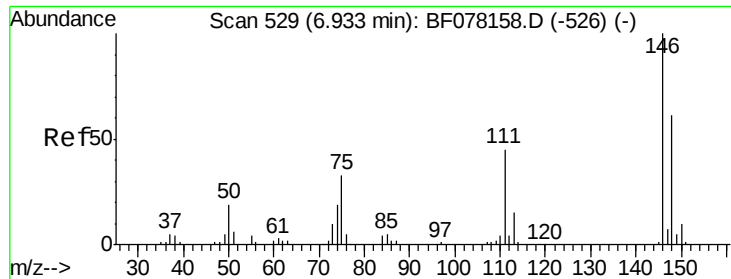
Tot Ion: 94 Resp: 117227
Ion Ratio Lower Upper
94 100
65 27.3 4.9 44.9
66 35.8 13.8 53.8



#11
bis(2-Chloroethyl)ether
Concen: 24.94 ng
RT: 6.72 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF078235.D
Acq: 3 Apr 2015 9:50

Tgt Ion: 93 Resp: 79793
Ion Ratio Lower Upper
93 100
63 77.7 54.6 94.6
95 33.7 13.6 53.6

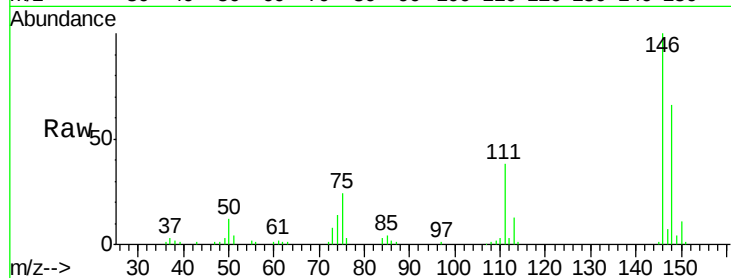




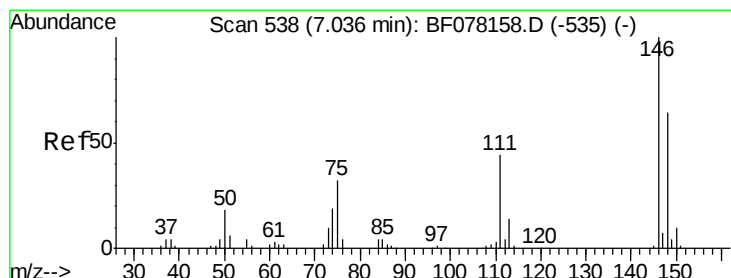
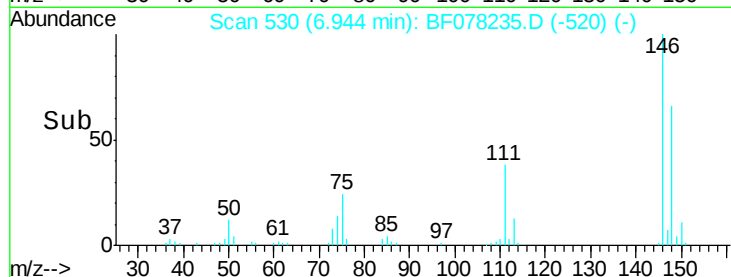
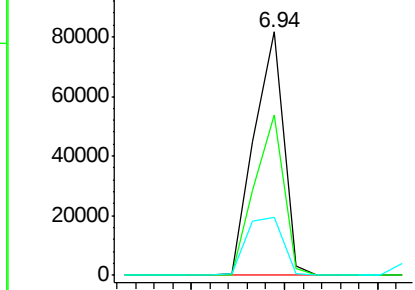
#12
 1,3-Dichlorobenzene
 Concen: 23.20 ng
 RT: 6.94 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: BF078235.D
 Acq: 3 Apr 2015 9:50

Instrument :
 BNA_F
 ClientSampled :
 COMP-4MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	49.1	73.7
75	23.7	26.6	40.0

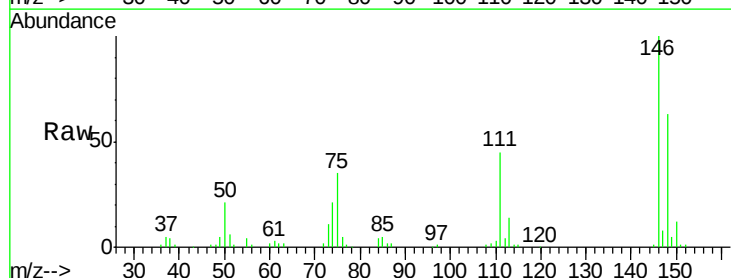


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

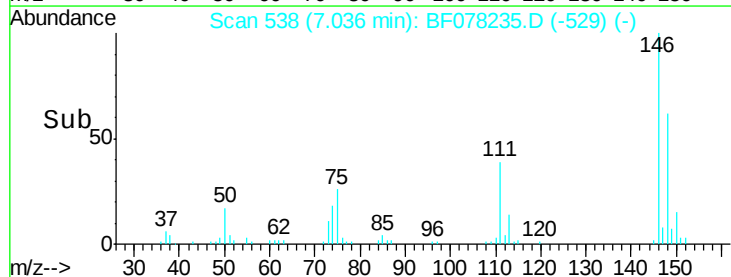
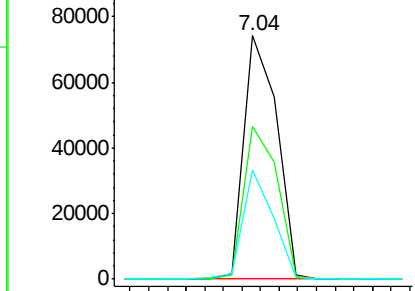


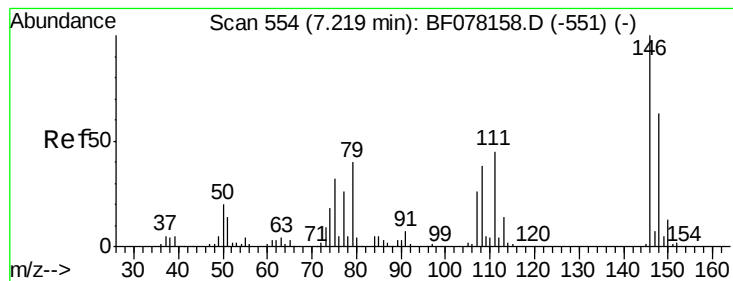
#13
 1,4-Dichlorobenzene
 Concen: 23.53 ng
 RT: 7.04 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: BF078235.D
 Acq: 3 Apr 2015 9:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.4	77.0
111	45.1	35.0	52.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

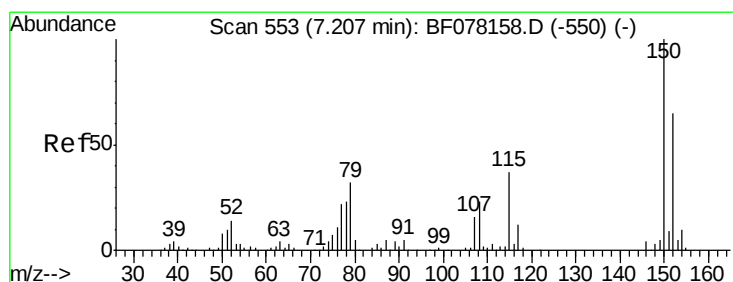
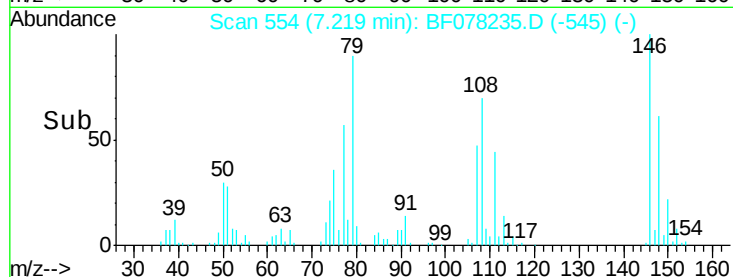
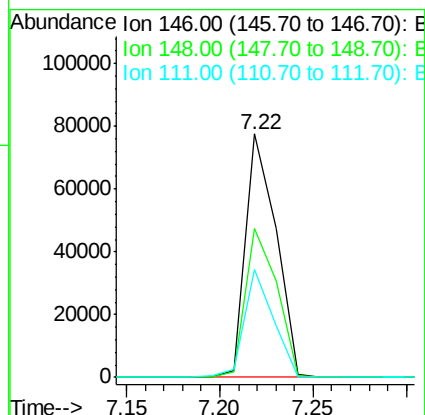
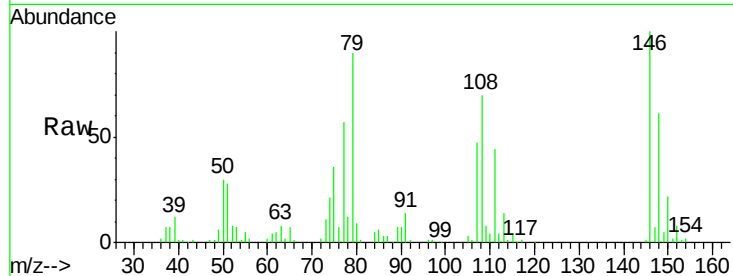




#14
 1,2-Dichlorobenzene
 Concen: 24.26 ng
 RT: 7.22 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF078235.D
 Acq: 3 Apr 2015 9:50

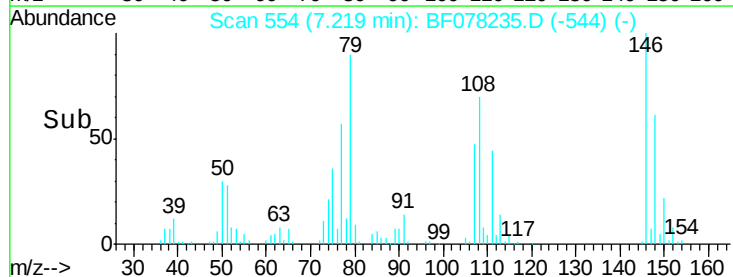
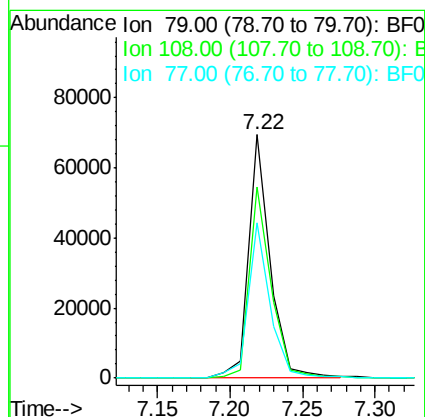
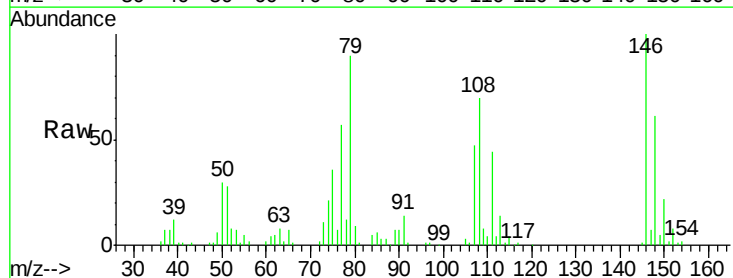
Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MSD

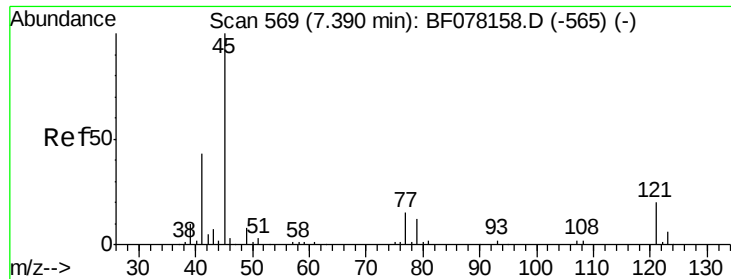
Tot Ion:146 Resp: 88104
 Ion Ratio Lower Upper
 146 100
 148 61.3 50.2 75.4
 111 44.3 36.1 54.1



#15
 Benzyl Alcohol
 Concen: 27.60 ng
 RT: 7.22 min Scan# 554
 Delta R.T. 0.01 min
 Lab File: BF078235.D
 Acq: 3 Apr 2015 9:50

Tgt Ion: 79 Resp: 72002
 Ion Ratio Lower Upper
 79 100
 108 78.7 57.6 86.4
 77 63.7 53.5 80.3

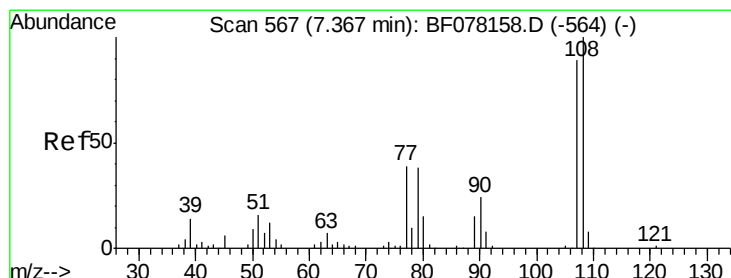
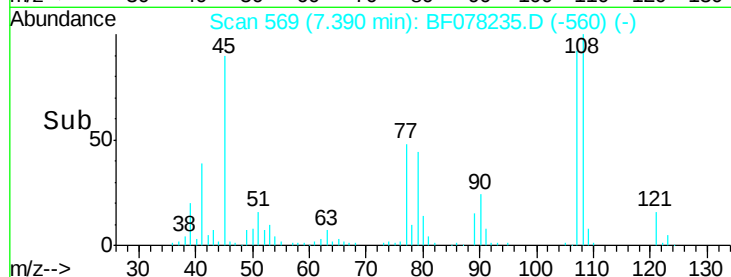
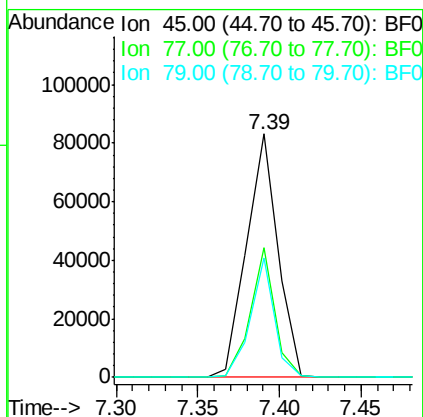
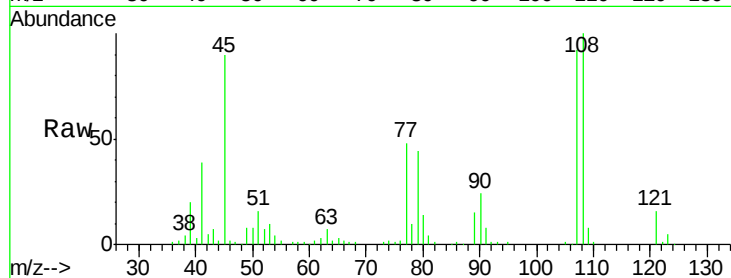




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 25.83 ng
RT: 7.39 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF078235.D
Acq: 3 Apr 2015 9:50

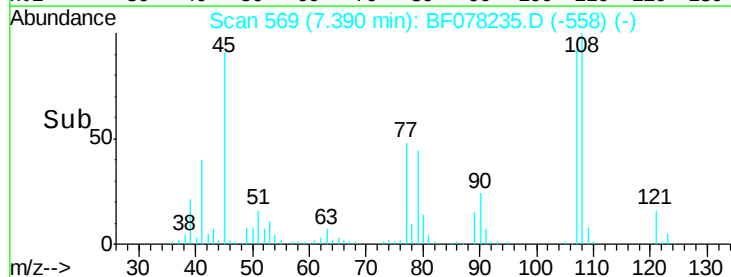
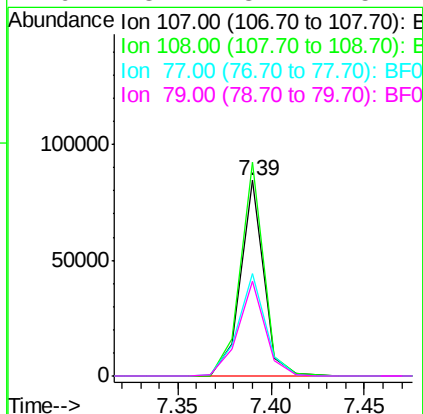
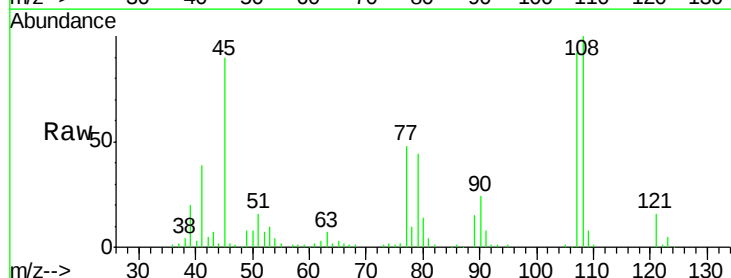
Instrument :
BNA_F
ClientSampleId :
COMP-4MSD

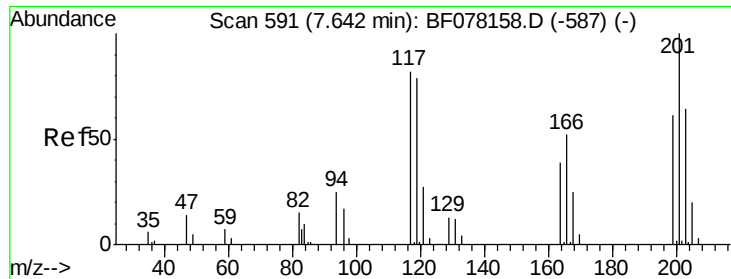
Tot Ion: 45 Resp: 110230
Ion Ratio Lower Upper
45 100
77 53.2 0.0 34.5#
79 49.0 0.0 31.9#



#17
2-Methylphenol
Concen: 27.13 ng
RT: 7.39 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF078235.D
Acq: 3 Apr 2015 9:50

Tgt Ion: 107 Resp: 73776
Ion Ratio Lower Upper
107 100
108 109.2 90.3 135.5
77 52.3 35.5 53.3
79 48.2 34.2 51.4

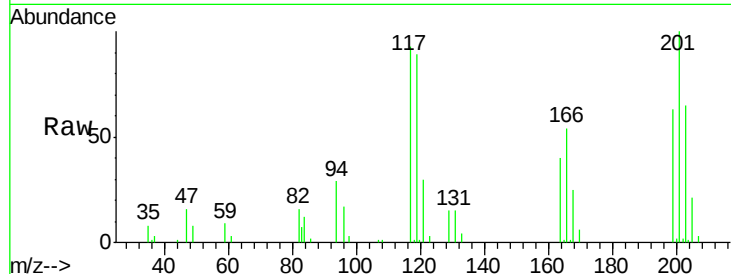




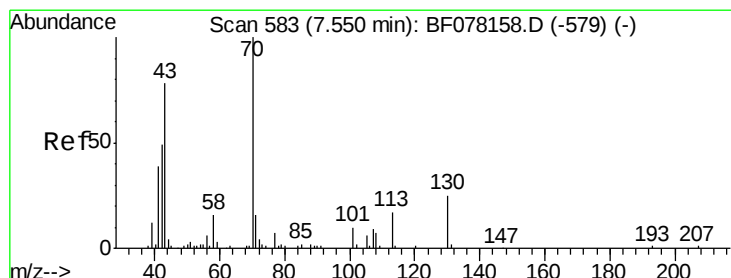
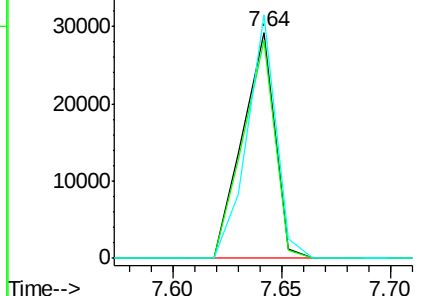
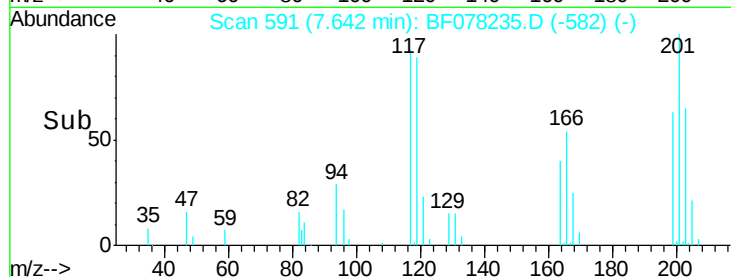
#18
Hexachloroethane
Concen: 23.13 ng
RT: 7.64 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF078235.D
Acq: 3 Apr 2015 9:50

Instrument :
BNA_F
ClientSampleId :
COMP-4MSD

Tot Ion:117 Resp: 30209
Ion Ratio Lower Upper
117 100
119 96.3 77.0 115.6
201 107.8 98.1 147.1

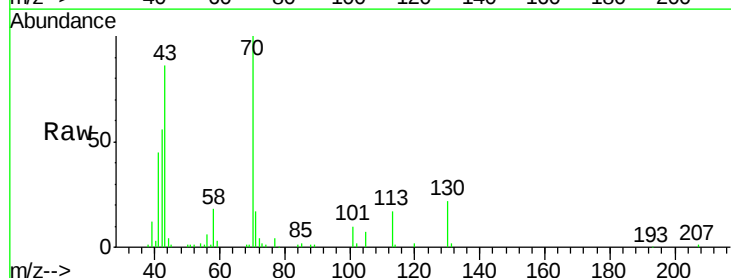


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

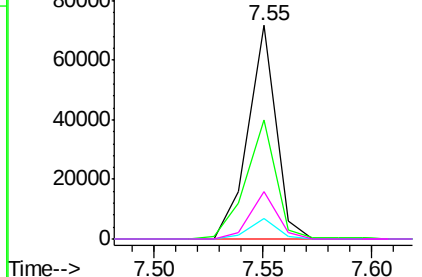
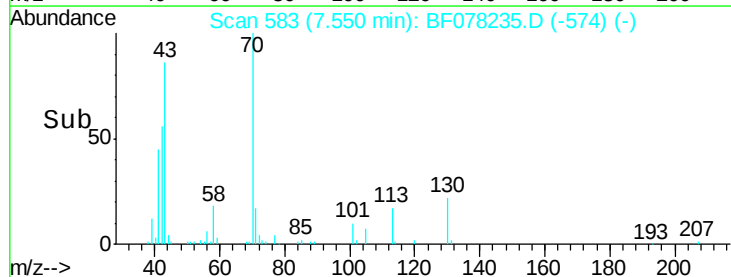


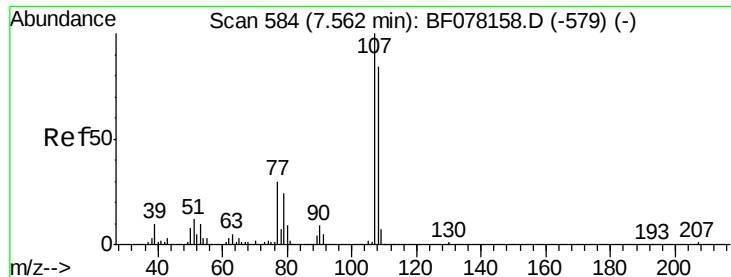
#19
n-Nitroso-di-n-propylamine
Concen: 26.19 ng
RT: 7.55 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF078235.D
Acq: 3 Apr 2015 9:50

Tgt Ion: 70 Resp: 64156
Ion Ratio Lower Upper
70 100
42 55.8 38.9 58.3
101 9.7 8.3 12.5
130 22.1 19.8 29.8



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

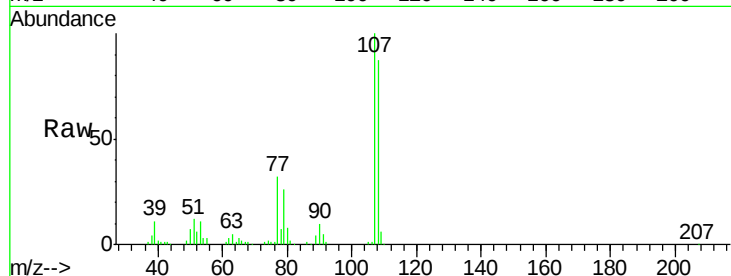




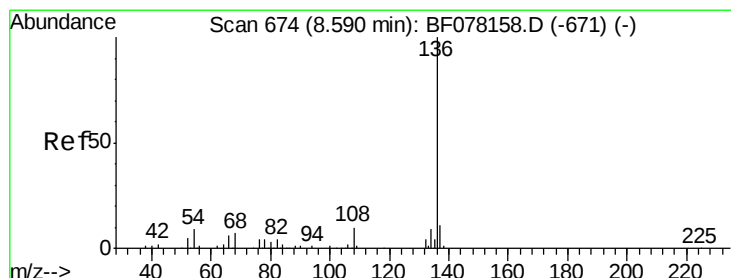
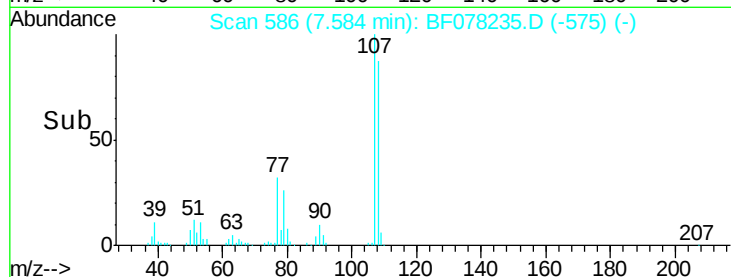
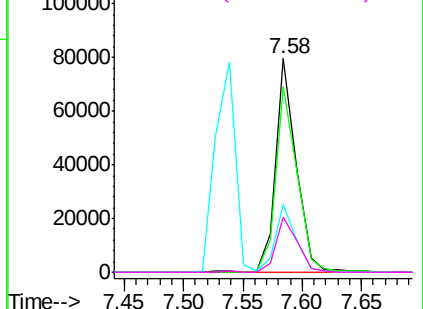
#20
3+4-Methylphenols
Concen: 26.31 ng
RT: 7.58 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF078235.D
Acq: 3 Apr 2015 9:50

Instrument :
BNA_F
ClientSampleId :
COMP-4MSD

Tot Ion:107	Resp:	95467
Ion Ratio	Lower	Upper
107	100	
108	87.0	64.4 104.4
77	31.7	9.7 49.7
79	25.5	4.0 44.0

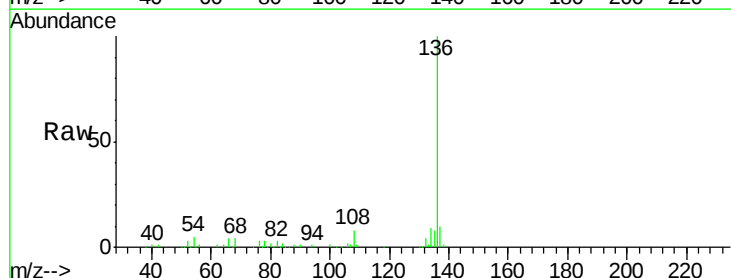


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

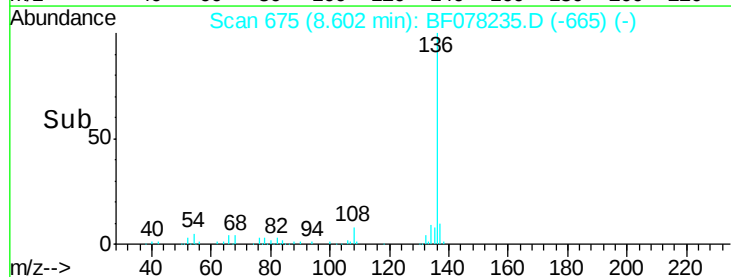
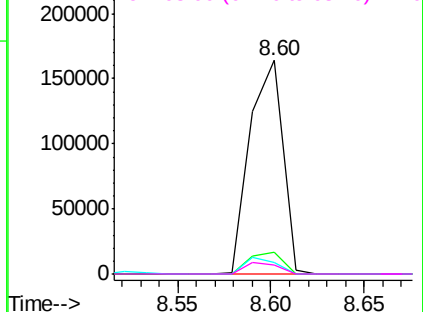


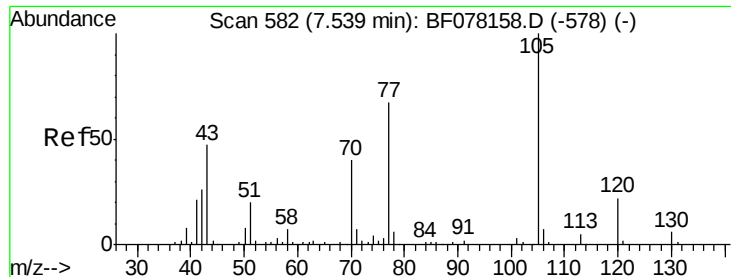
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.60 min Scan# 675
Delta R.T. 0.01 min
Lab File: BF078235.D
Acq: 3 Apr 2015 9:50

Tgt Ion:136	Resp:	201123
Ion Ratio	Lower	Upper
136	100	
137	10.4	9.0 13.4
54	5.4	7.0 10.6#
68	4.5	5.4 8.2#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

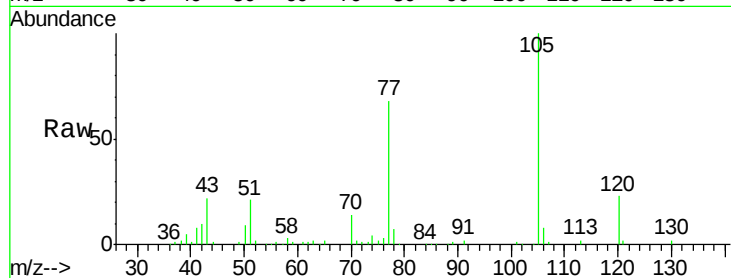




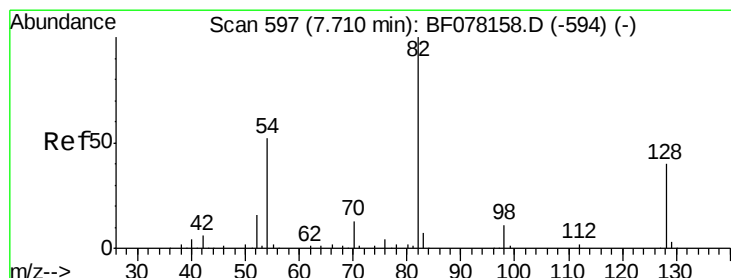
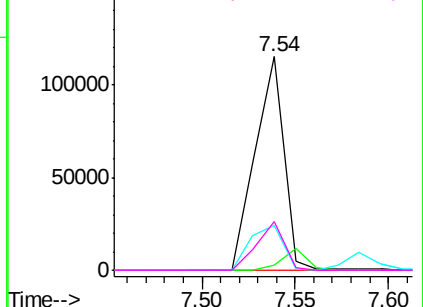
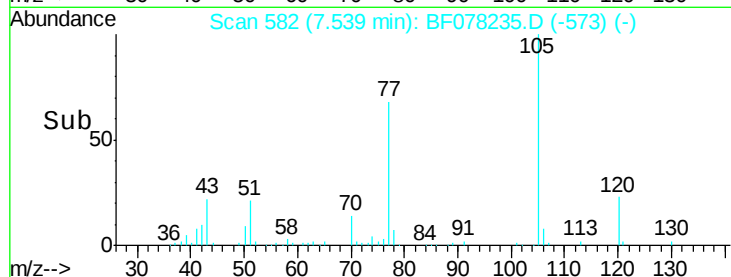
#22
Acetophenone
Concen: 26.14 ng
RT: 7.54 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF078235.D
Acq: 3 Apr 2015 9:50

Instrument :
BNA_F
ClientSampleId :
COMP-4MSD

Tot Ion:105 Resp: 122500
Ion Ratio Lower Upper
105 100
71 2.4 5.5 8.3#
51 20.9 16.0 24.0
120 23.0 17.8 26.6

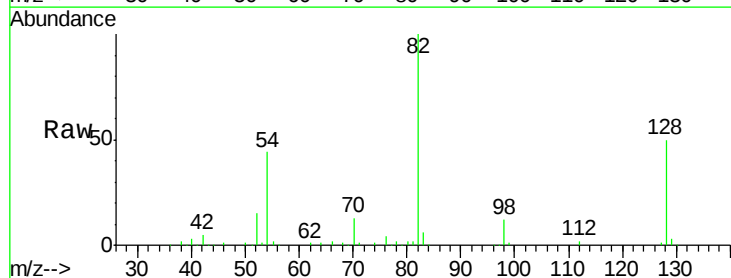


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

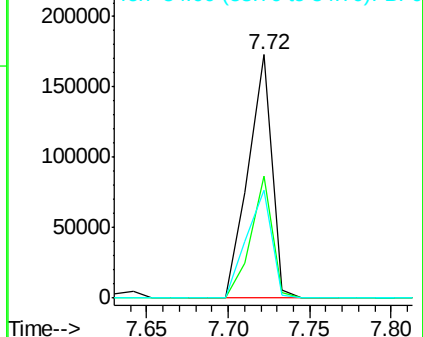
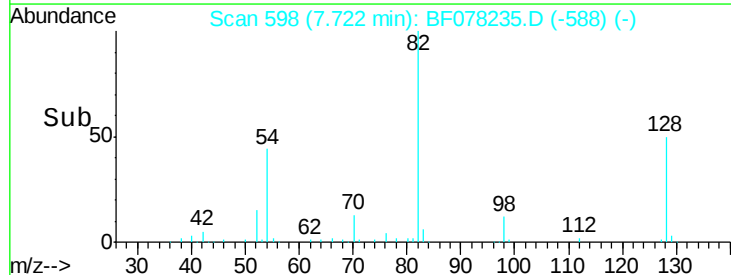


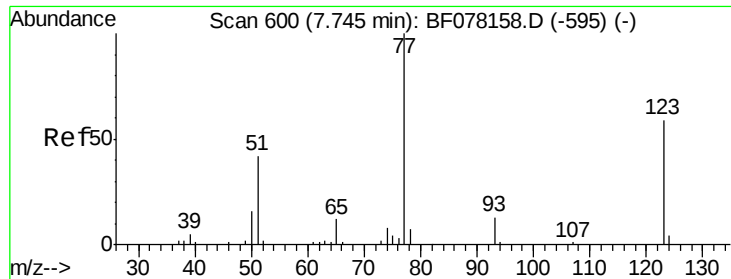
#23
Nitrobenzene-d5
Concen: 52.77 ng
RT: 7.72 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF078235.D
Acq: 3 Apr 2015 9:50

Tgt Ion: 82 Resp: 175105
Ion Ratio Lower Upper
82 100
128 50.1 31.8 47.8#
54 44.4 41.5 62.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

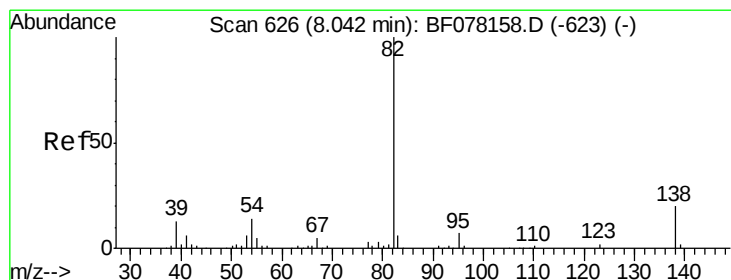
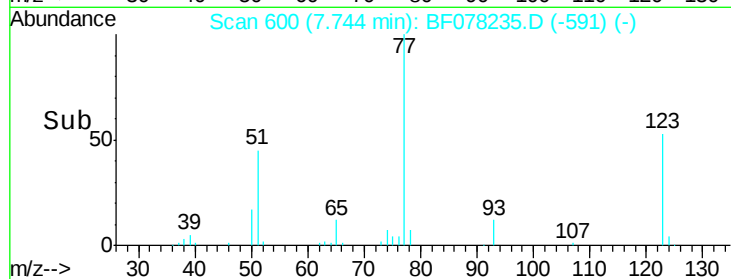
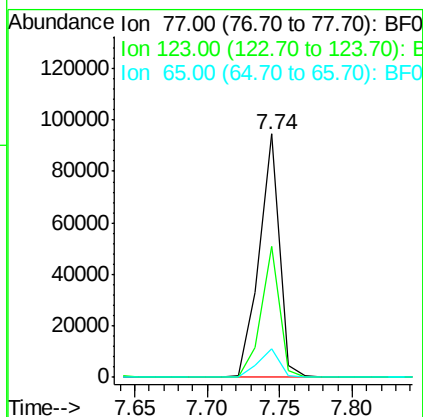
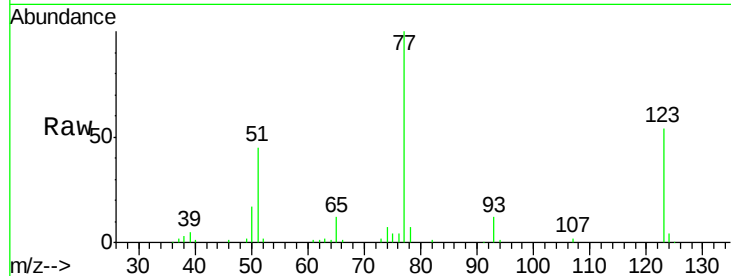




#24
 Nitrobenzene
 Concen: 26.43 ng
 RT: 7.74 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF078235.D
 Acq: 3 Apr 2015 9:50

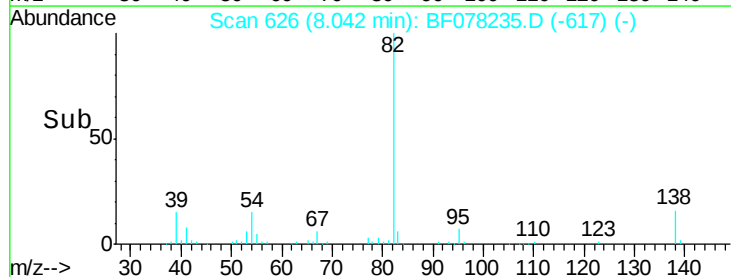
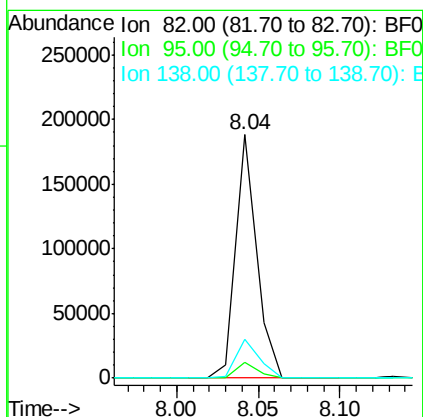
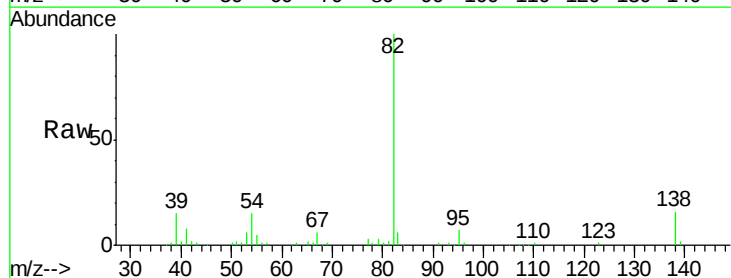
Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MSD

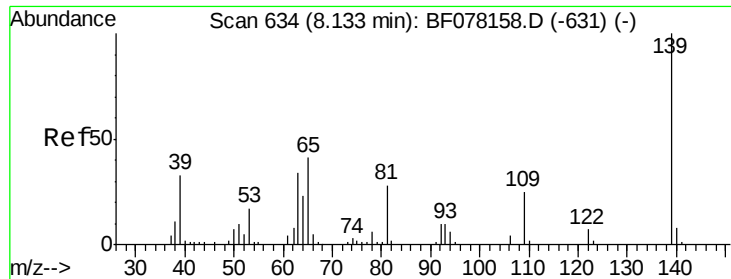
Tot Ion	77	Resp	91669
Ion Ratio	Lower	Upper	
77	100		
123	53.8	46.9	70.3
65	12.0	9.5	14.3



#25
 Isophorone
 Concen: 26.39 ng
 RT: 8.04 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF078235.D
 Acq: 3 Apr 2015 9:50

Tgt Ion	82	Resp	166202
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.7	8.5
138	15.9	15.8	23.8

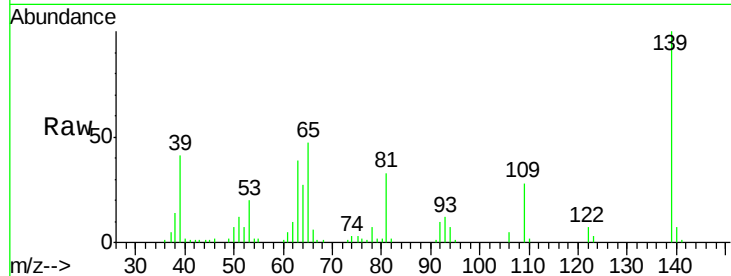




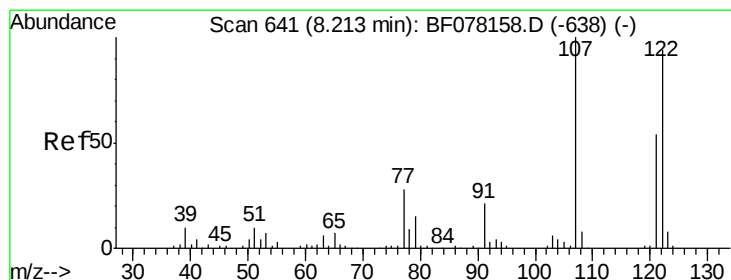
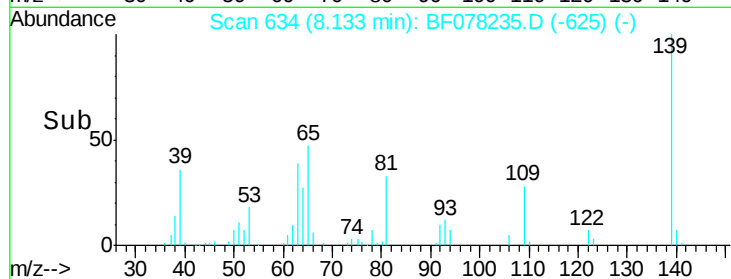
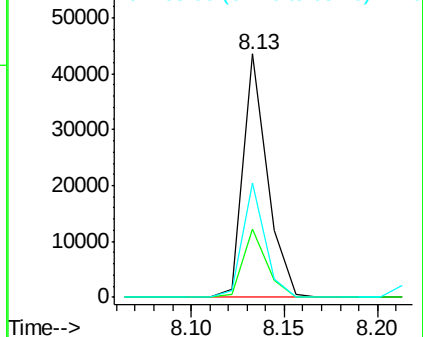
#26
2-Nitrophenol
Concen: 23.92 ng
RT: 8.13 min Scan# 634
Delta R.T. -0.00 min
Lab File: BF078235.D
Acq: 3 Apr 2015 9:50

Instrument :
BNA_F
ClientSampleId :
COMP-4MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	27.9	19.8	29.8
65	47.0	32.7	49.1

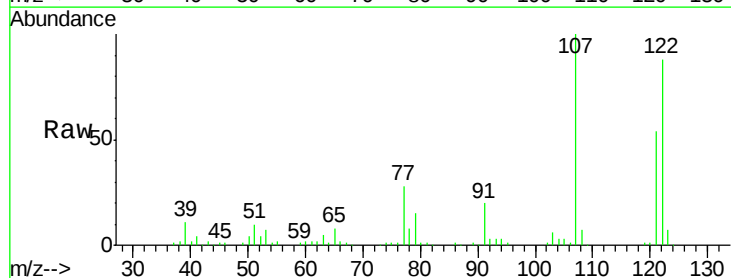


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

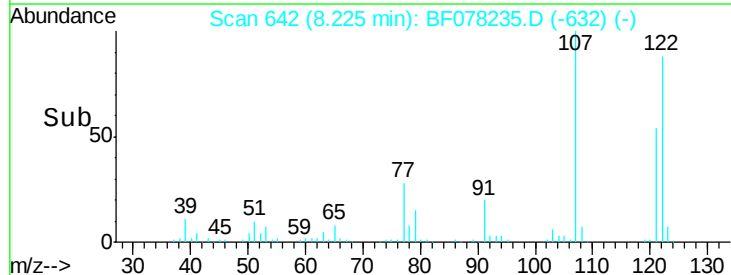
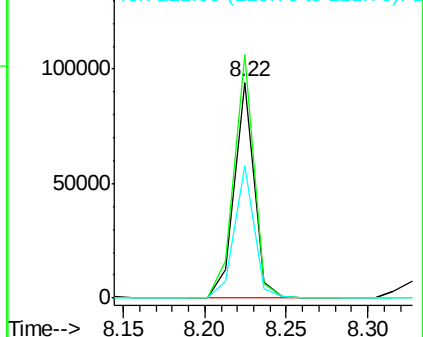


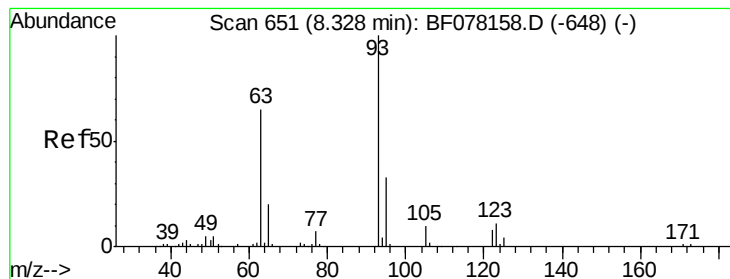
#27
2,4-Dimethylphenol
Concen: 25.62 ng
RT: 8.22 min Scan# 642
Delta R.T. 0.01 min
Lab File: BF078235.D
Acq: 3 Apr 2015 9:50

Tgt Ion	Ratio	Lower	Upper
122	100		
107	113.0	84.6	127.0
121	61.3	46.0	69.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 25.49 ng

RT: 8.33 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF078235.D

Acq: 3 Apr 2015 9:50

Instrument :

BNA_F

ClientSampleId :

COMP-4MSD

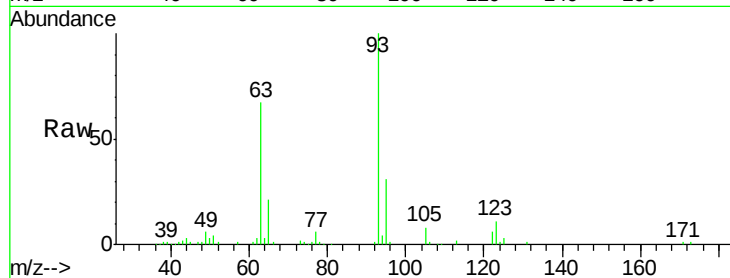
Tot Ion: 93 Resp: 102947

Ion Ratio Lower Upper

93 100

95 31.4 26.3 39.5

123 11.0 9.1 13.7

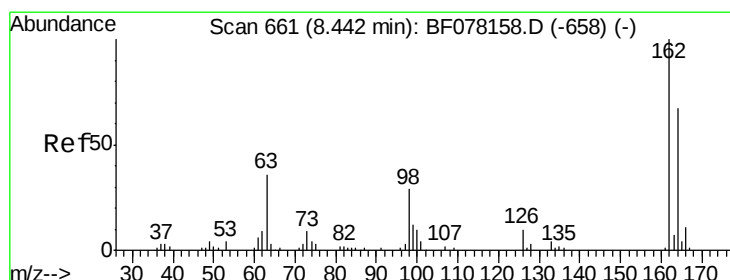
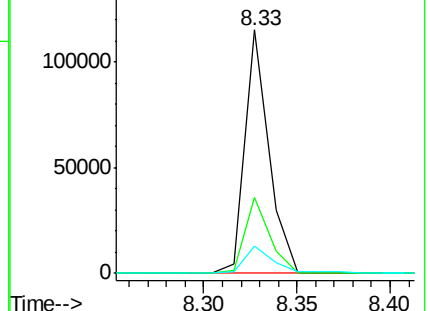
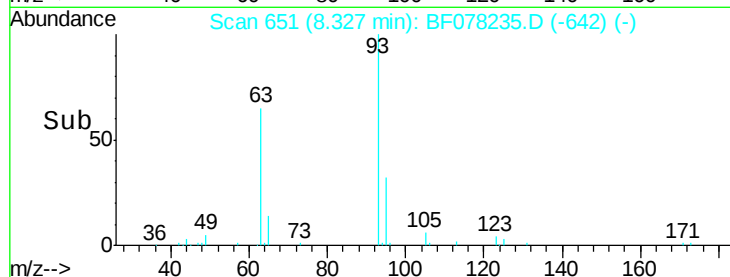


Abundance Ion 93.00 (92.70 to 93.70): BF078158.D (-648) (-)

Ion 95.00 (94.70 to 95.70): BF078158.D (-648) (-)

Ion 123.00 (122.70 to 123.70): BF078158.D (-648) (-)

Time-->



#29

2,4-Dichlorophenol

Concen: 27.21 ng

RT: 8.45 min Scan# 662

Delta R.T. 0.01 min

Lab File: BF078235.D

Acq: 3 Apr 2015 9:50

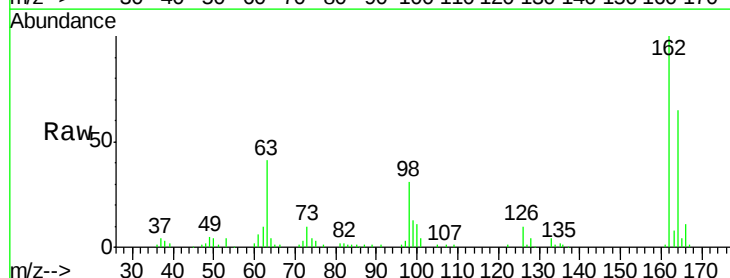
Tgt Ion:162 Resp: 76091

Ion Ratio Lower Upper

162 100

164 65.3 47.0 87.0

98 31.2 9.2 49.2

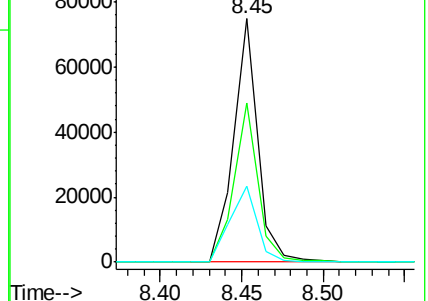
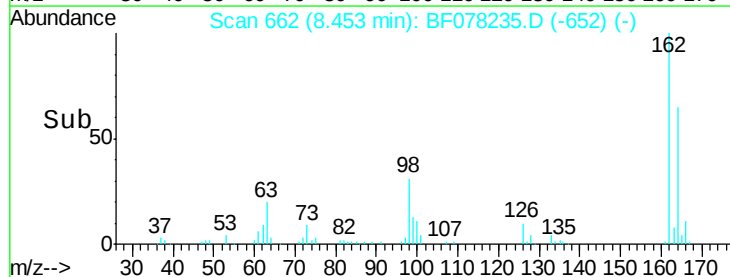


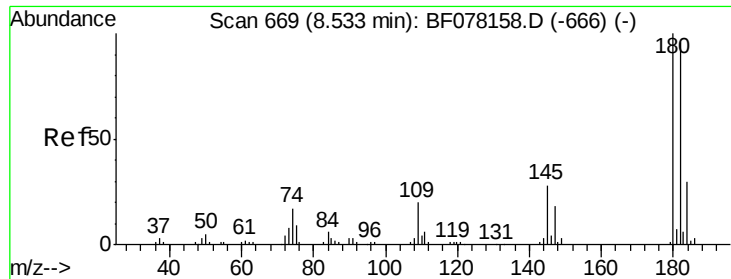
Abundance Ion 162.00 (161.70 to 162.70): BF078158.D (-658) (-)

Ion 164.00 (163.70 to 164.70): BF078158.D (-658) (-)

Ion 98.00 (97.70 to 98.70): BF078158.D (-658) (-)

Time-->

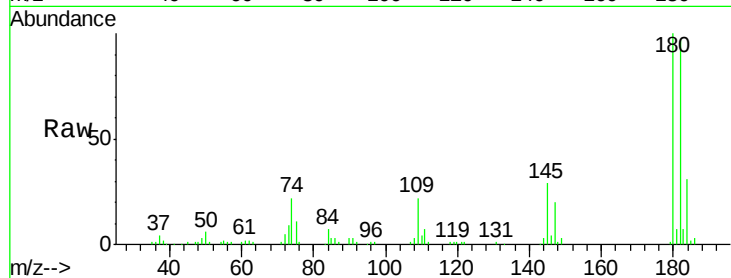




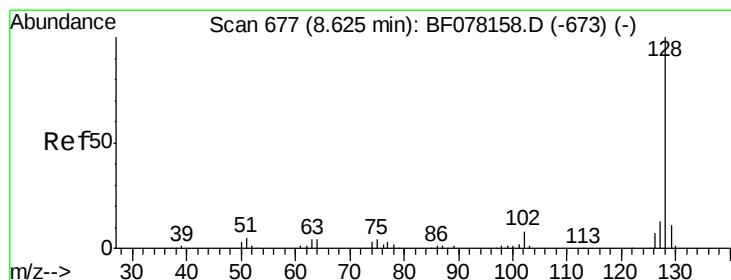
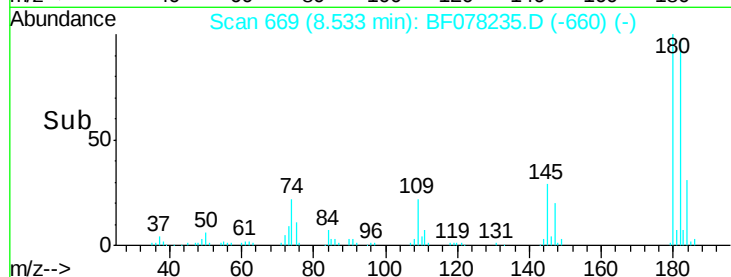
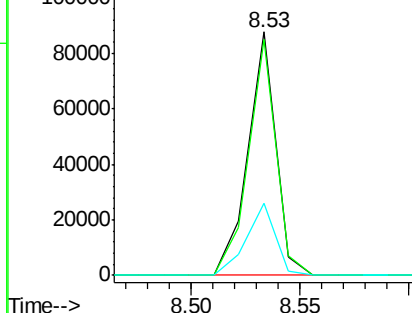
#30
 1,2,4-Trichlorobenzene
 Concen: 24.29 ng
 RT: 8.53 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF078235.D
 Acq: 3 Apr 2015 9:50

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MSD

Tot Ion:180 Resp: 77885
 Ion Ratio Lower Upper
 180 100
 182 97.0 76.9 115.3
 145 29.5 22.5 33.7

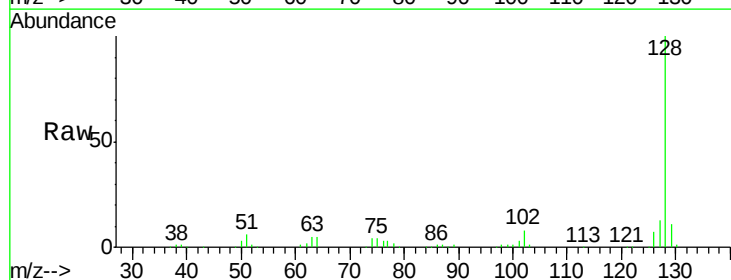


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

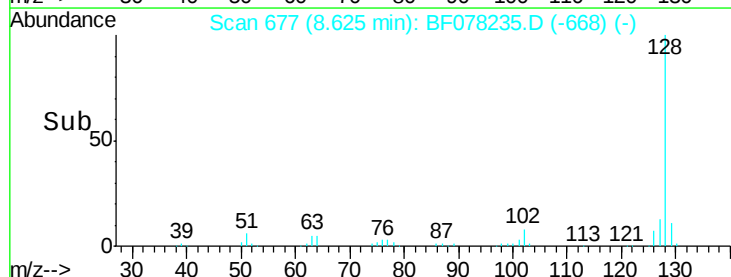
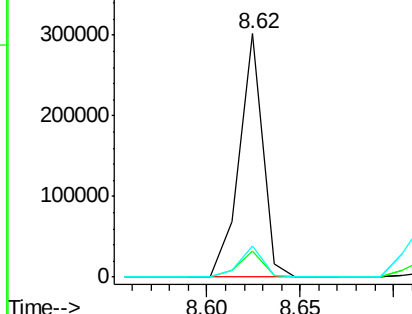


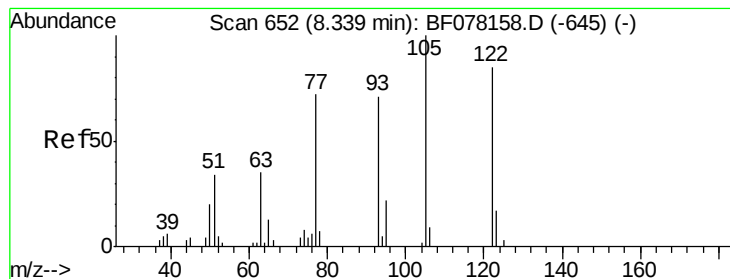
#31
 Naphthalene
 Concen: 25.43 ng
 RT: 8.62 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BF078235.D
 Acq: 3 Apr 2015 9:50

Tgt Ion:128 Resp: 266236
 Ion Ratio Lower Upper
 128 100
 129 10.6 8.6 12.8
 127 12.8 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 24.68 ng

RT: 8.34 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF078235.D

Acq: 3 Apr 2015 9:50

Instrument :

BNA_F

ClientSampleId :

COMP-4MSD

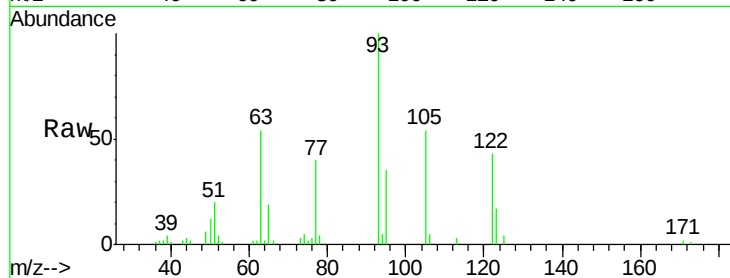
Tot Ion:122 Resp: 31045

Ion Ratio Lower Upper

122 100

105 125.0 96.1 136.1

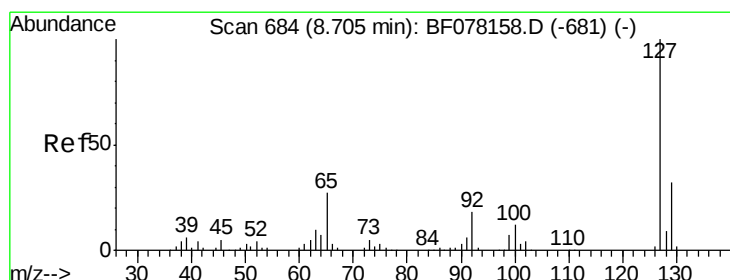
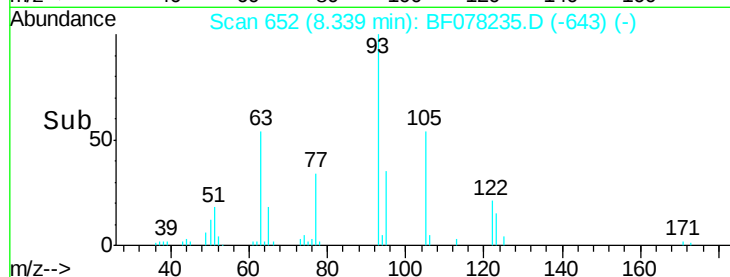
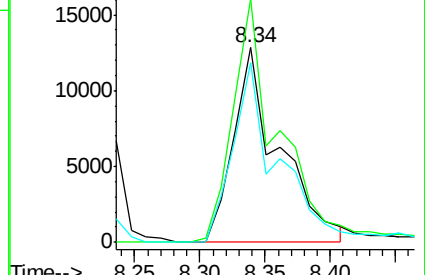
77 92.3 64.1 104.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 17.10 ng

RT: 8.72 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF078235.D

Acq: 3 Apr 2015 9:50

Tgt Ion:127 Resp: 74296

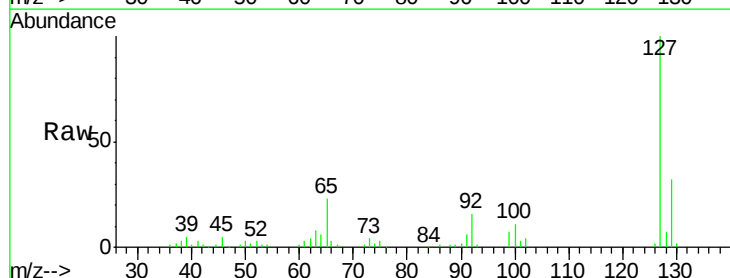
Ion Ratio Lower Upper

127 100

129 32.2 25.5 38.3

65 22.7 21.7 32.5

92 16.4 14.6 21.8

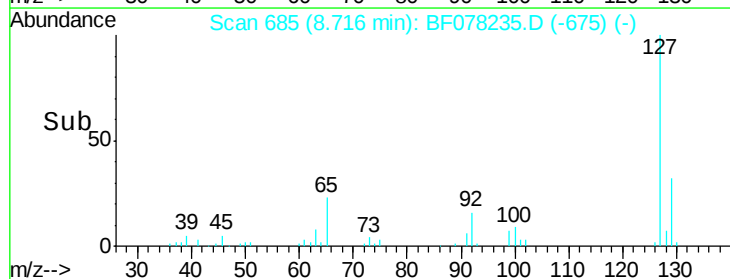
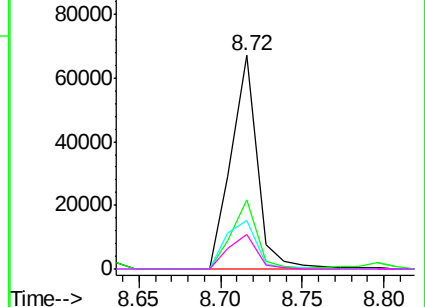


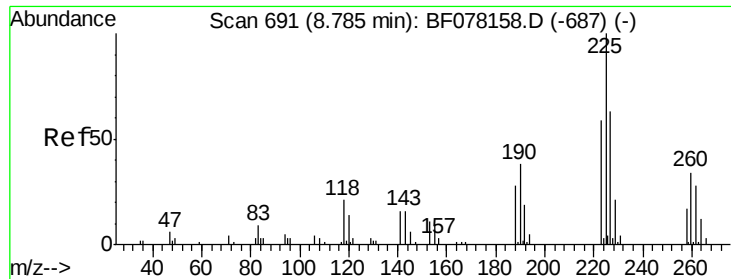
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

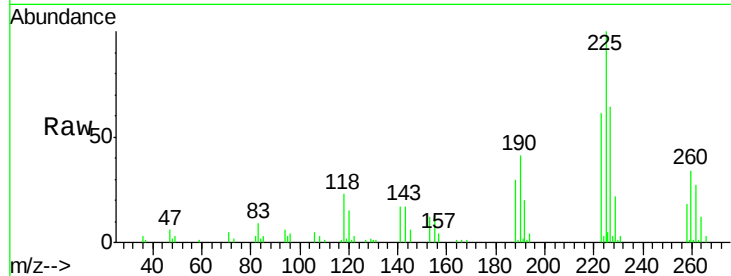




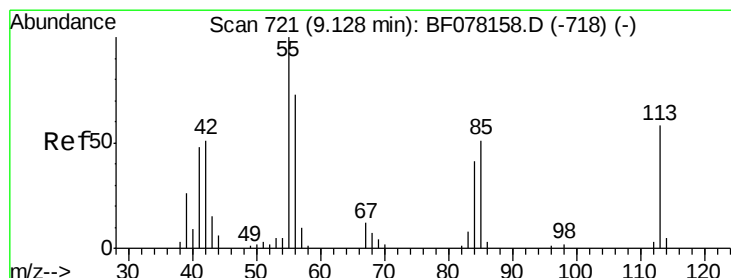
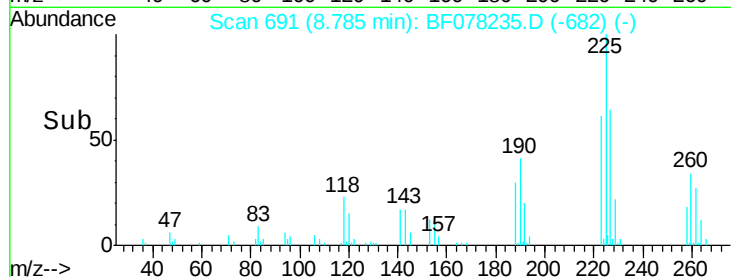
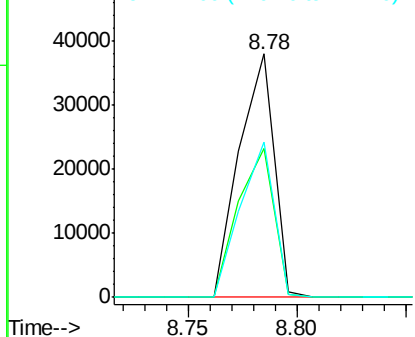
#34
Hexachlorobutadiene
Concen: 24.02 ng
RT: 8.78 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF078235.D
Acq: 3 Apr 2015 9:50

Instrument :
BNA_F
ClientSampleId :
COMP-4MSD

Tot Ion:225 Resp: 42284
Ion Ratio Lower Upper
225 100
223 61.1 47.5 71.3
227 63.9 50.2 75.2

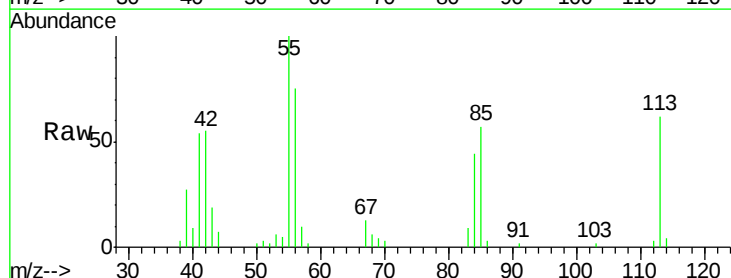


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

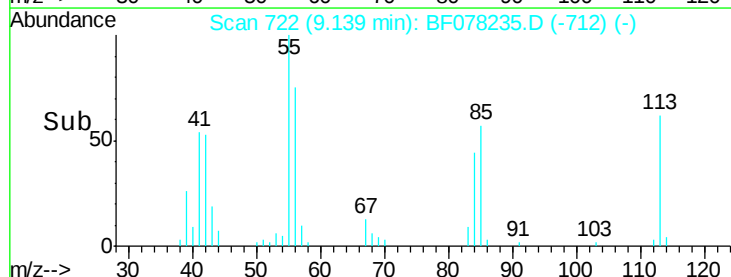
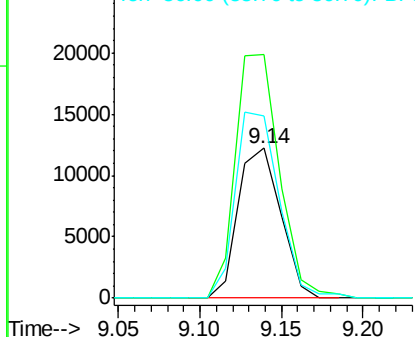


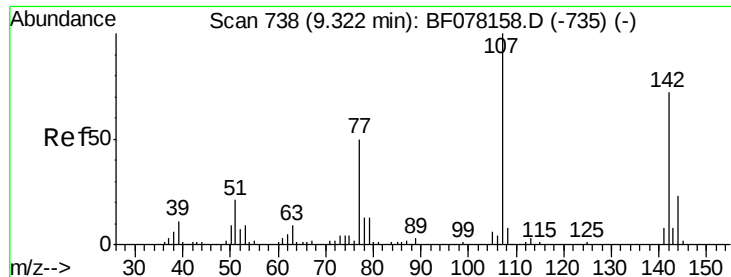
#35
Caprolactam
Concen: 26.37 ng
RT: 9.14 min Scan# 722
Delta R.T. 0.01 min
Lab File: BF078235.D
Acq: 3 Apr 2015 9:50

Tgt Ion:113 Resp: 22012
Ion Ratio Lower Upper
113 100
55 162.6 151.9 191.9
56 121.5 106.1 146.1



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

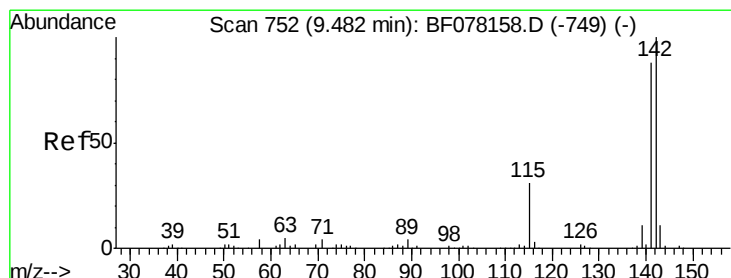
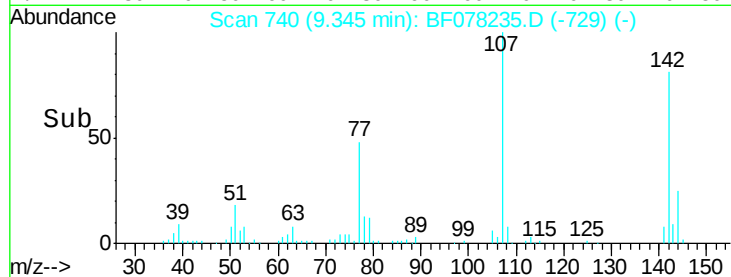
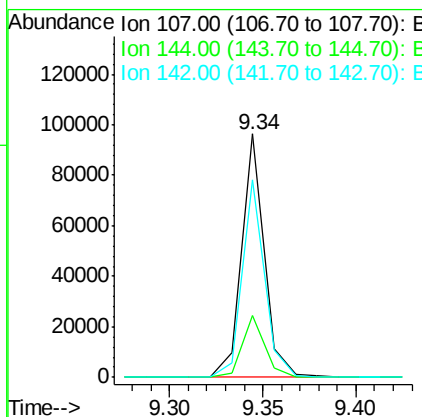
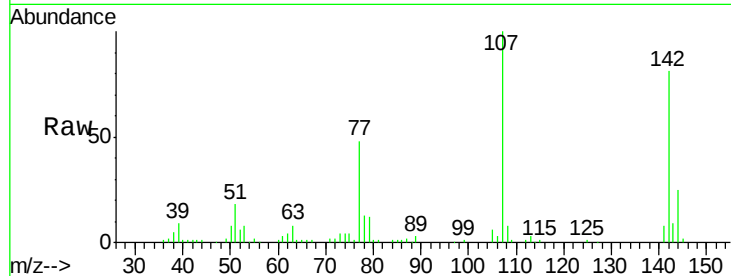




#36
 4-Chloro-3-methylphenol
 Concen: 29.01 ng
 RT: 9.34 min Scan# 740
 Delta R.T. 0.02 min
 Lab File: BF078235.D
 Acq: 3 Apr 2015 9:50

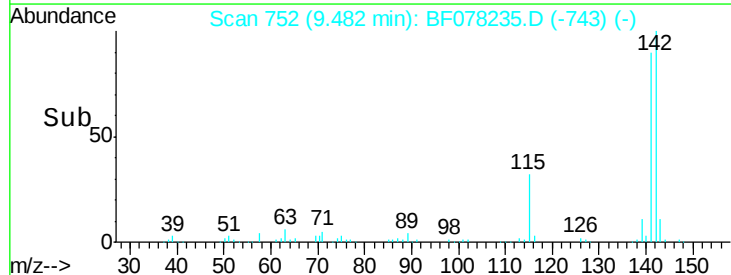
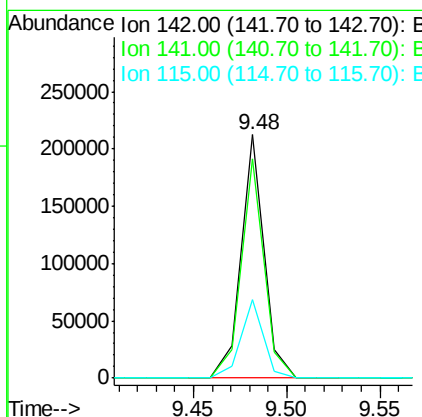
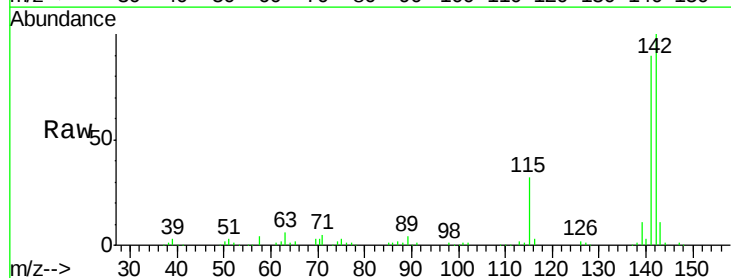
Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MSD

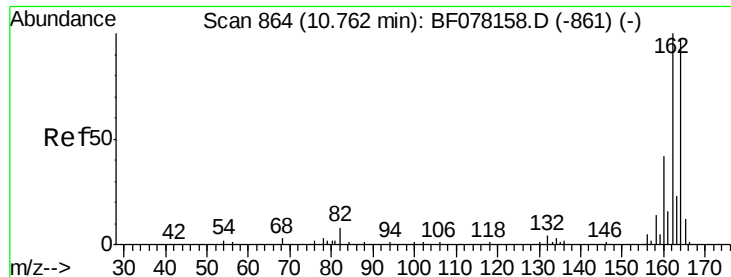
Tot Ion:107 Resp: 81862
 Ion Ratio Lower Upper
 107 100
 144 25.4 18.2 27.2
 142 81.4 58.0 87.0



#37
 2-Methylnaphthalene
 Concen: 25.68 ng
 RT: 9.48 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF078235.D
 Acq: 3 Apr 2015 9:50

Tgt Ion:142 Resp: 182528
 Ion Ratio Lower Upper
 142 100
 141 90.0 70.3 105.5
 115 32.4 24.6 37.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.76 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF078235.D

Acq: 3 Apr 2015 9:50

Instrument :

BNA_F

ClientSampleId :

COMP-4MSD

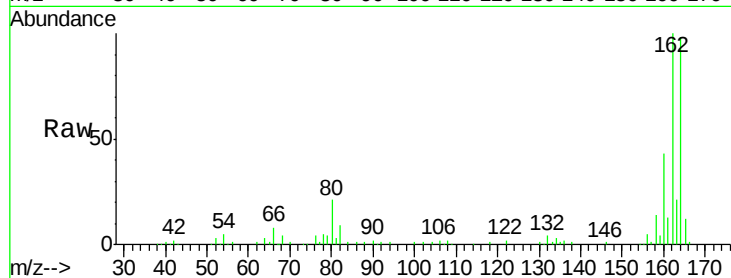
Tot Ion:164 Resp: 103264

Ion Ratio Lower Upper

164 100

162 101.8 82.2 123.2

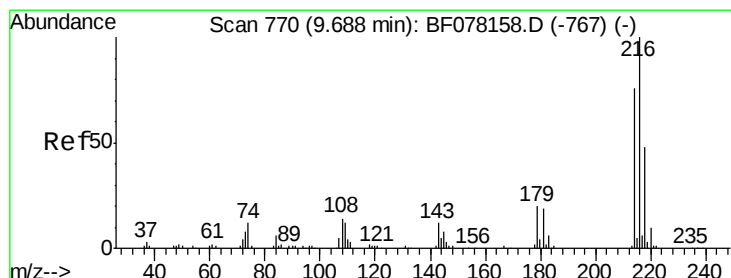
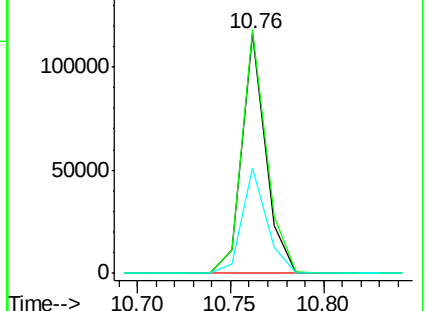
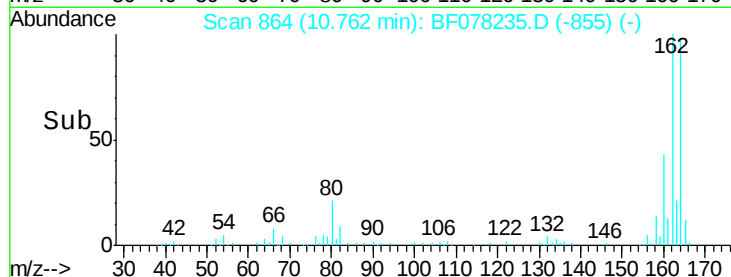
160 43.9 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 24.53 ng

RT: 9.69 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF078235.D

Acq: 3 Apr 2015 9:50

Tgt Ion:216 Resp: 78489

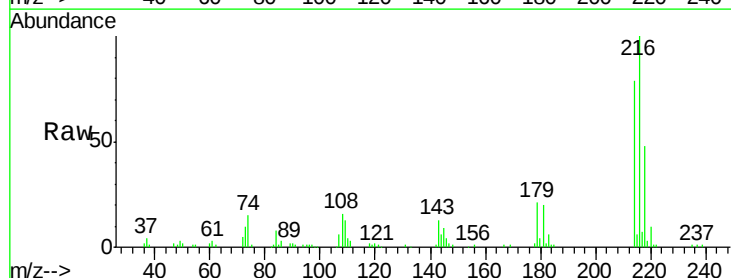
Ion Ratio Lower Upper

216 100

214 78.9 62.0 93.0

179 21.8 17.3 25.9

108 19.0 14.6 21.8

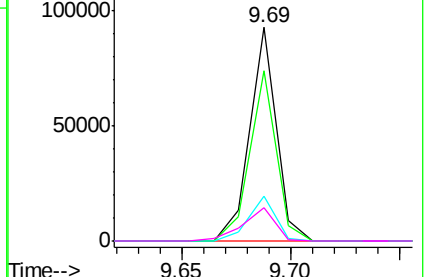
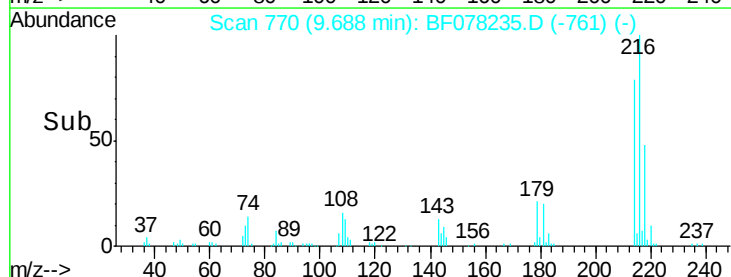


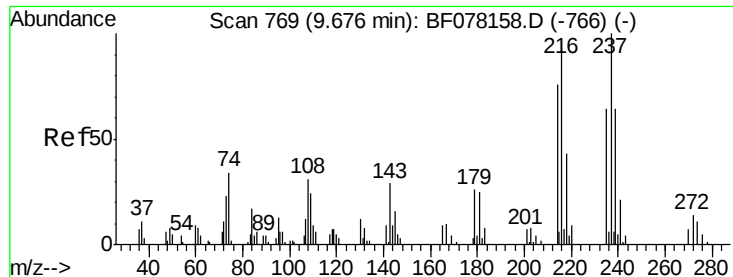
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

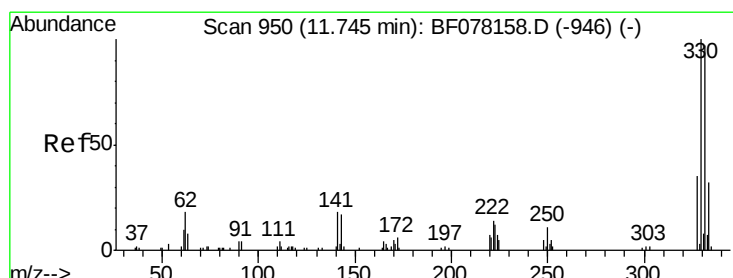
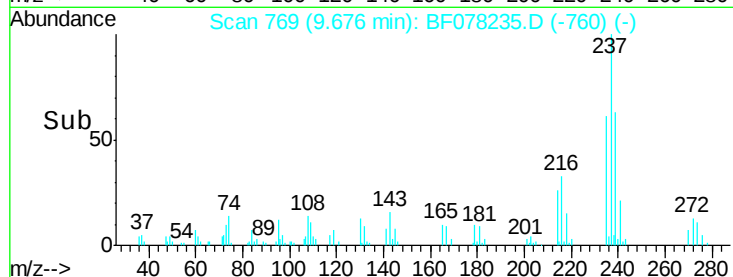
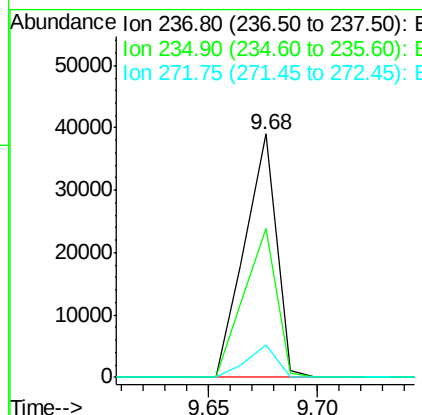
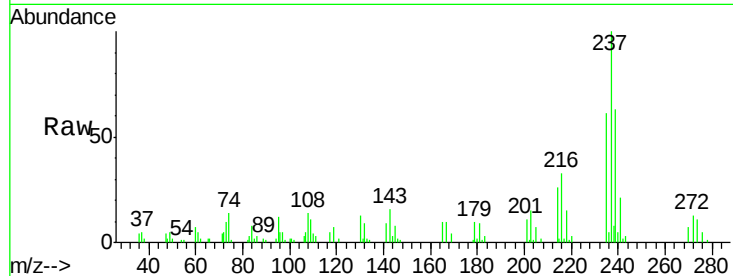




#40
Hexachlorocyclopentadiene
Concen: 33.28 ng
RT: 9.68 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF078235.D
Acq: 3 Apr 2015 9:50

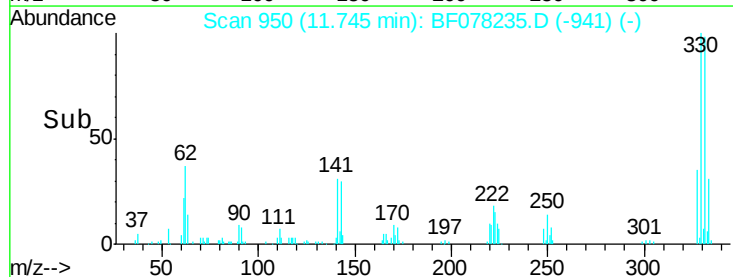
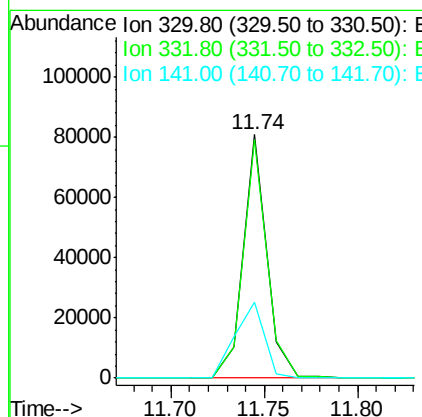
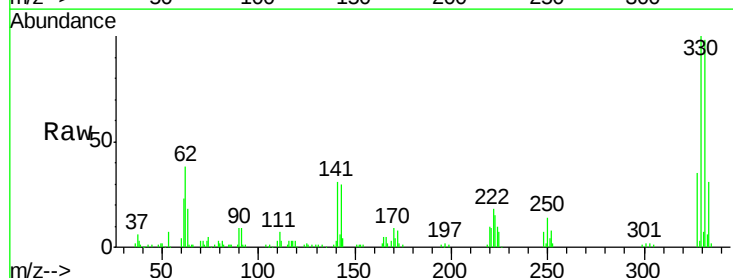
Instrument :
BNA_F
ClientSampleId :
COMP-4MSD

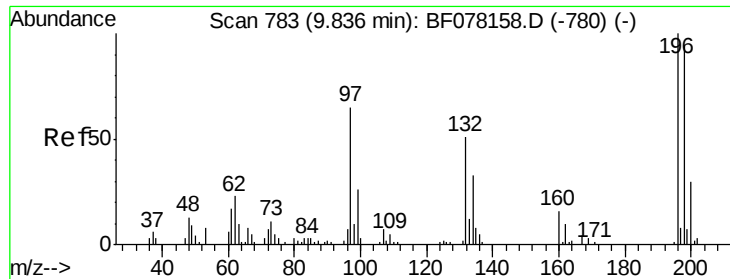
Tot Ion:237 Resp: 39850
Ion Ratio Lower Upper
237 100
235 61.2 44.1 84.1
272 13.1 0.0 34.4



#41
2,4,6-Tribromophenol
Concen: 83.52 ng
RT: 11.74 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF078235.D
Acq: 3 Apr 2015 9:50

Tgt Ion:330 Resp: 71526
Ion Ratio Lower Upper
330 100
332 98.9 78.6 117.8
141 38.6 31.2 46.8

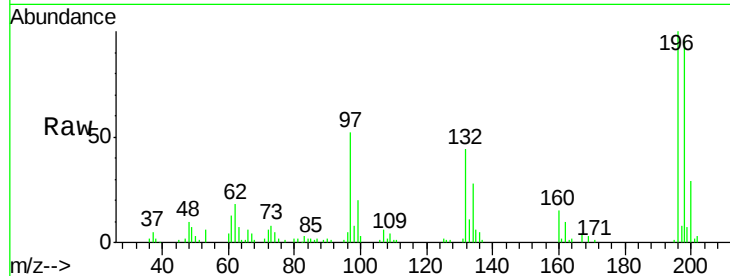




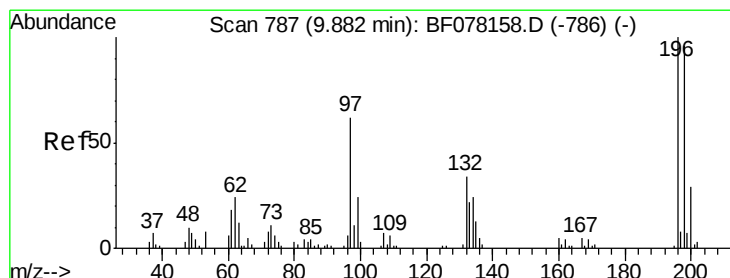
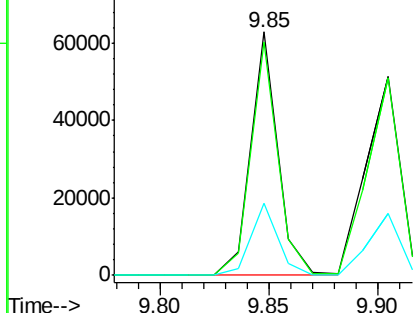
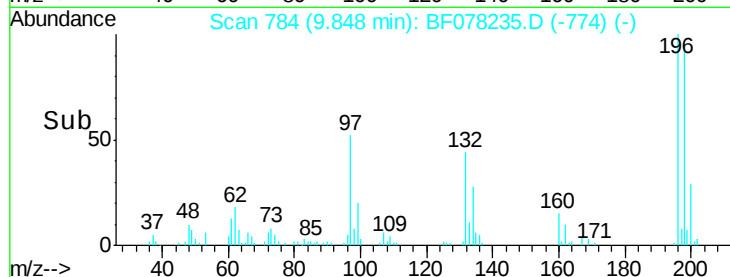
#42
 2,4,6-Trichlorophenol
 Concen: 26.93 ng
 RT: 9.85 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF078235.D
 Acq: 3 Apr 2015 9:50

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MSD

Tot Ion:196 Resp: 54348
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.4 113.2
 200 29.4 24.0 36.0

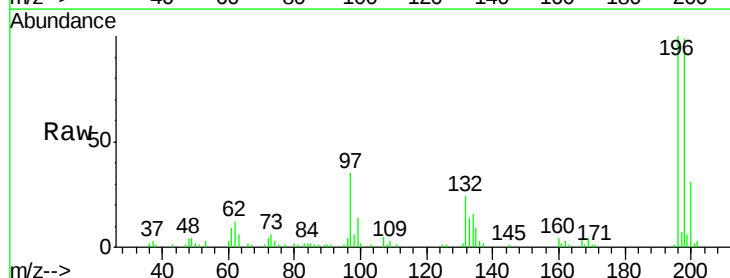


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

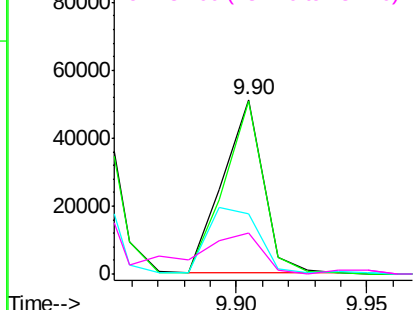
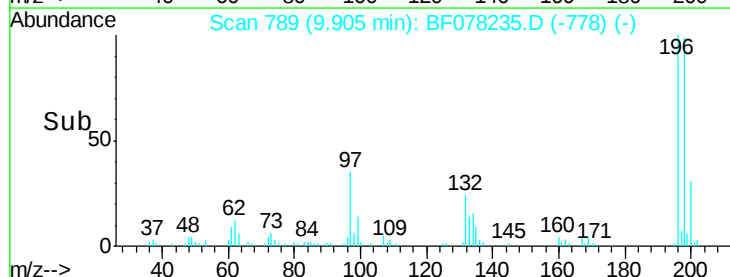


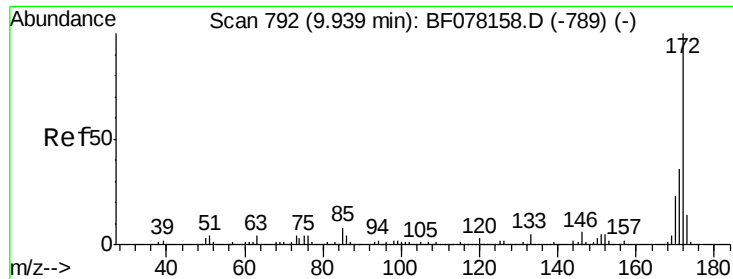
#43
 2,4,5-Trichlorophenol
 Concen: 26.45 ng
 RT: 9.90 min Scan# 789
 Delta R.T. 0.02 min
 Lab File: BF078235.D
 Acq: 3 Apr 2015 9:50

Tgt Ion:196 Resp: 55765
 Ion Ratio Lower Upper
 196 100
 198 99.4 76.6 115.0
 97 34.5 50.6 75.8#
 132 23.7 27.7 41.5#



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

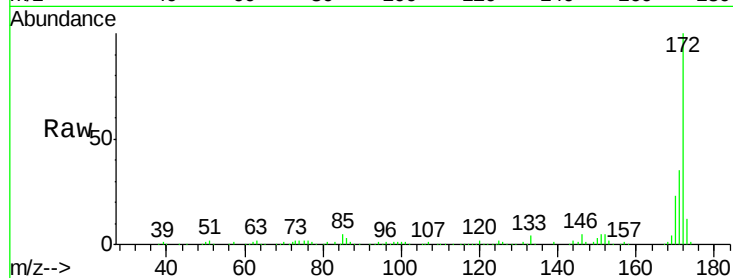




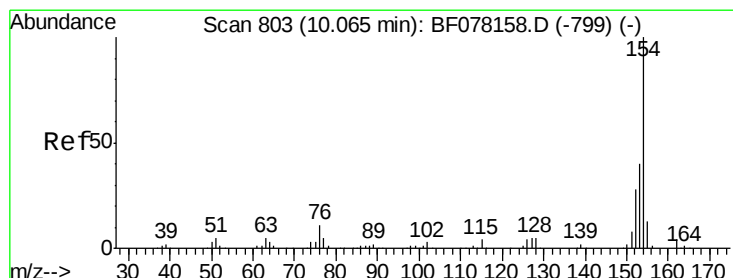
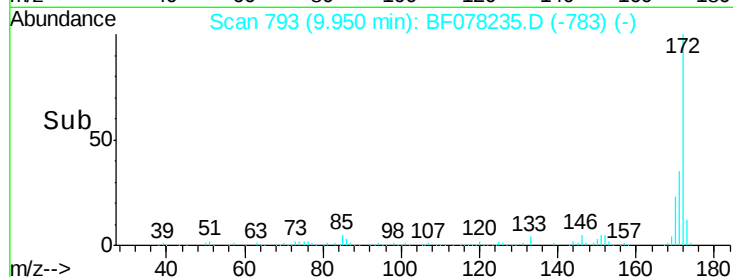
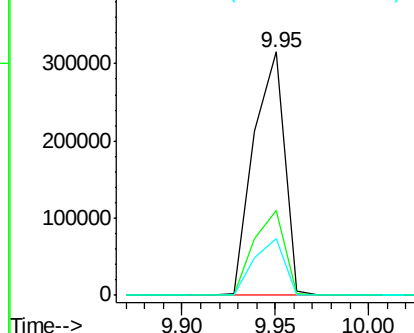
#44
 2-Fluorobiphenyl
 Concen: 50.79 ng
 RT: 9.95 min Scan# 793
 Delta R.T. 0.01 min
 Lab File: BF078235.D
 Acq: 3 Apr 2015 9:50

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MSD

Tot Ion:172 Resp: 366907
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.6 42.8
 170 23.3 18.5 27.7

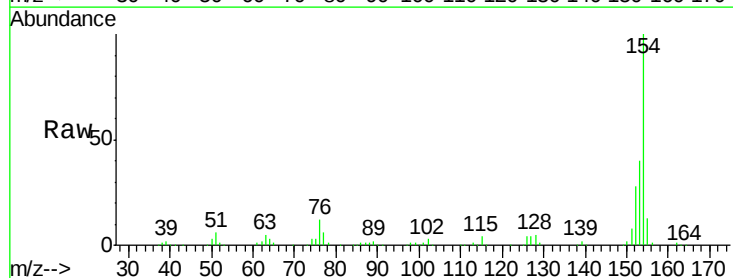


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

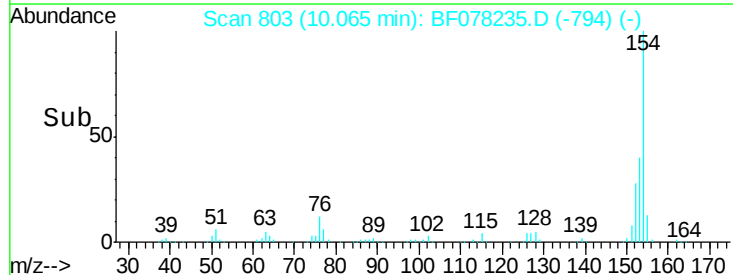
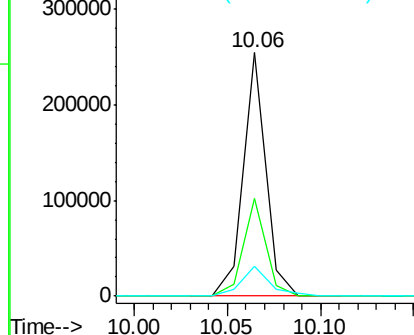


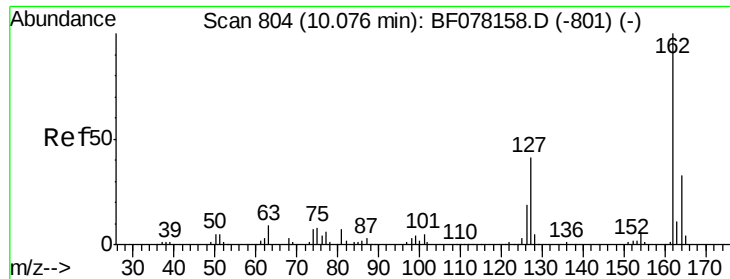
#45
 1,1'-Biphenyl
 Concen: 25.43 ng
 RT: 10.06 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF078235.D
 Acq: 3 Apr 2015 9:50

Tgt Ion:154 Resp: 214783
 Ion Ratio Lower Upper
 154 100
 153 40.2 20.0 60.0
 76 12.2 0.0 30.6



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

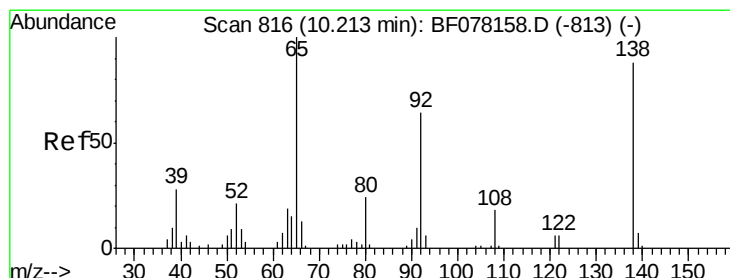
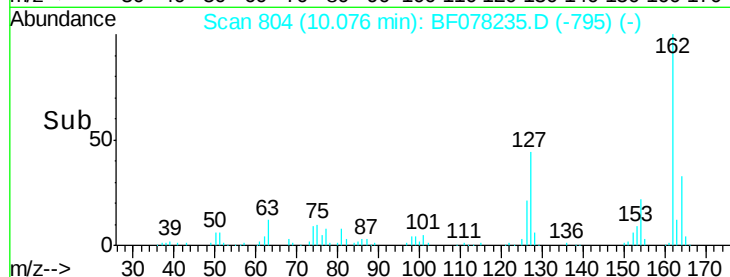
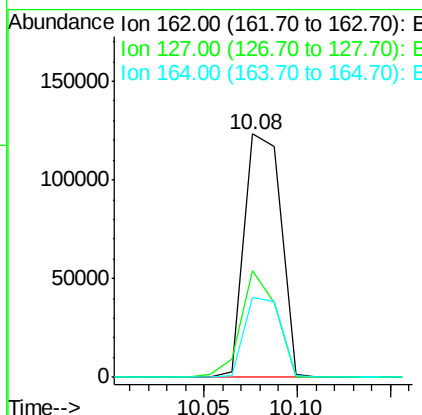
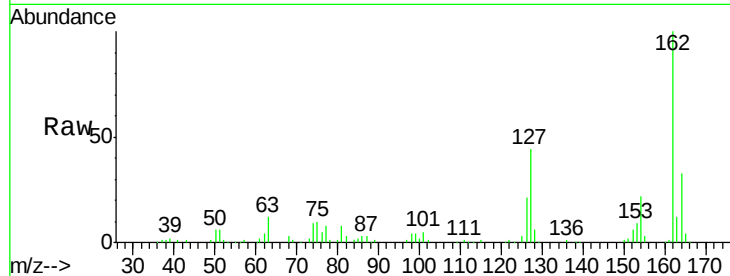




#46
2-Chloronaphthalene
Concen: 25.25 ng
RT: 10.08 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF078235.D
Acq: 3 Apr 2015 9:50

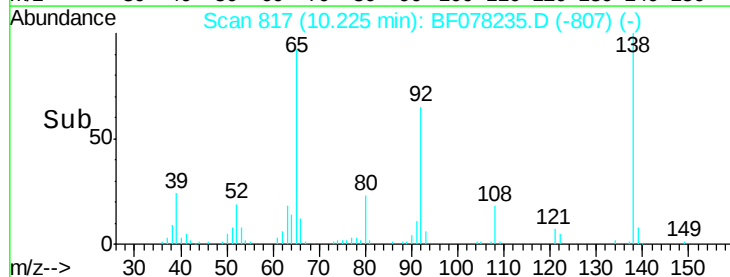
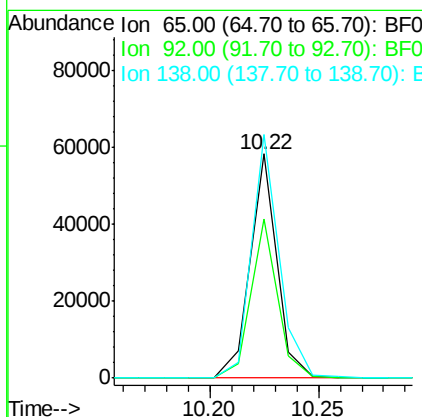
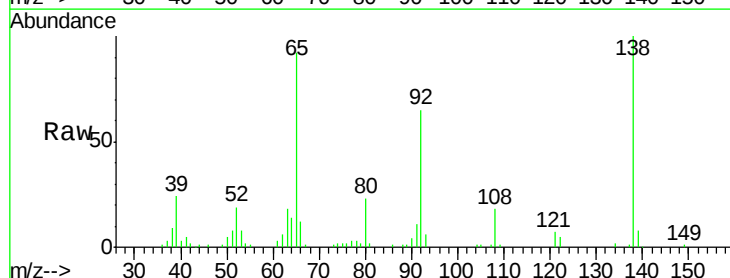
Instrument :
BNA_F
ClientSampleId :
COMP-4MSD

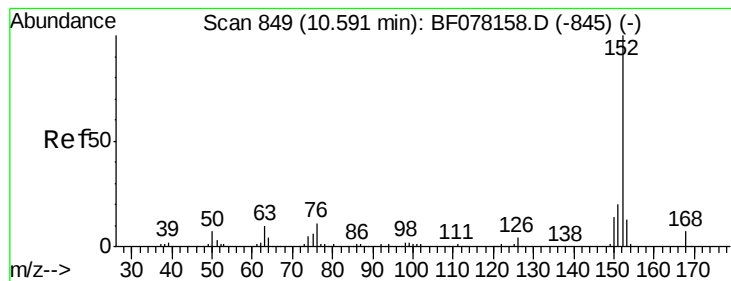
Tot Ion:162 Resp: 167809
Ion Ratio Lower Upper
162 100
127 43.9 32.6 49.0
164 32.7 26.0 39.0



#47
2-Nitroaniline
Concen: 30.31 ng
RT: 10.22 min Scan# 817
Delta R.T. 0.01 min
Lab File: BF078235.D
Acq: 3 Apr 2015 9:50

Tgt Ion: 65 Resp: 49840
Ion Ratio Lower Upper
65 100
92 70.8 51.3 76.9
138 108.7 70.4 105.6#





#48

Acenaphthylene

Concen: 25.32 ng

RT: 10.59 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF078235.D

Acq: 3 Apr 2015 9:50

Instrument :

BNA_F

ClientSampleId :

COMP-4MSD

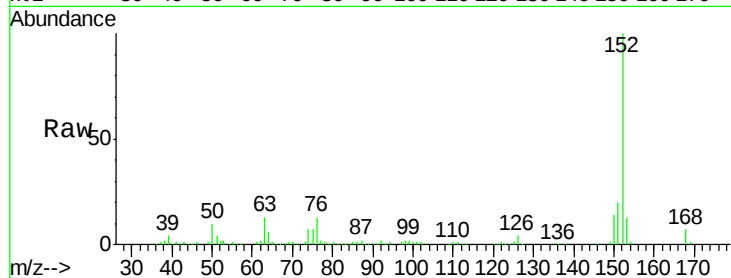
Tot Ion:152 Resp: 271744

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

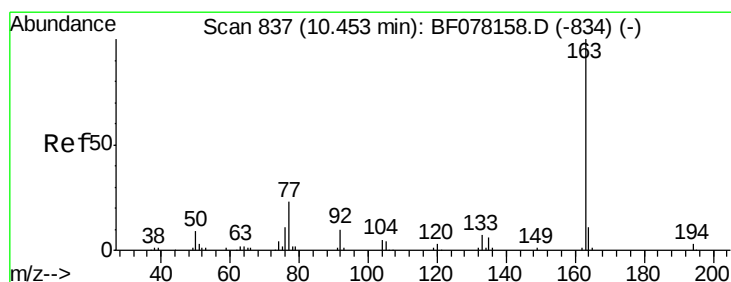
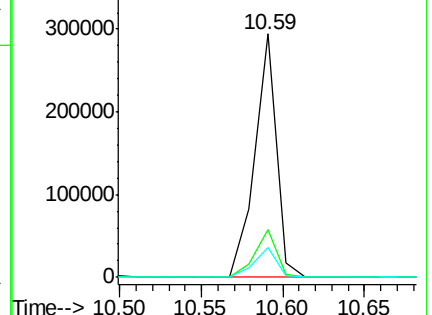
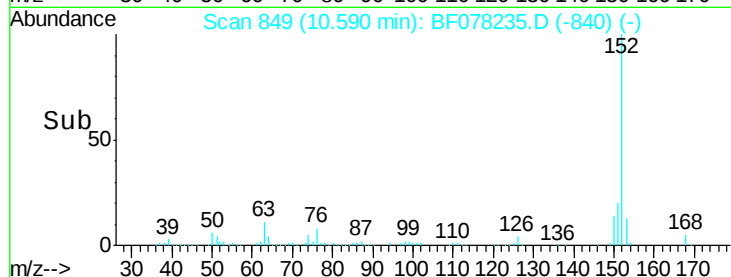
153 12.5 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 27.19 ng

RT: 10.46 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF078235.D

Acq: 3 Apr 2015 9:50

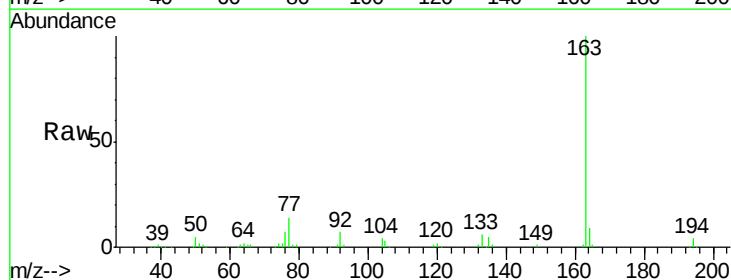
Tgt Ion:163 Resp: 210954

Ion Ratio Lower Upper

163 100

194 3.8 2.3 3.5#

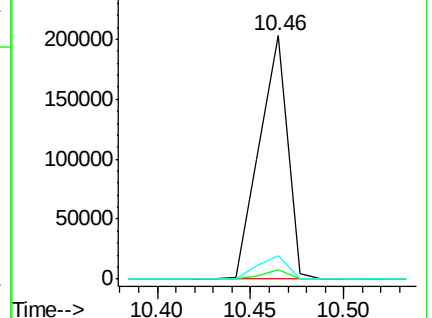
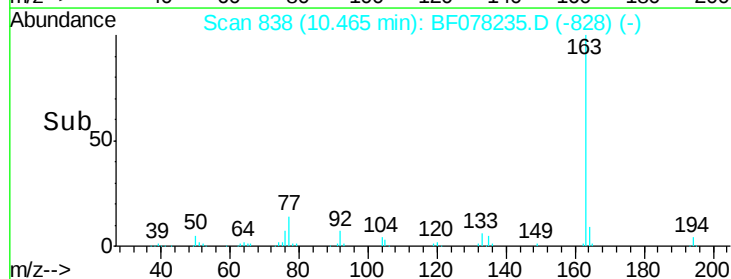
164 9.5 8.6 13.0

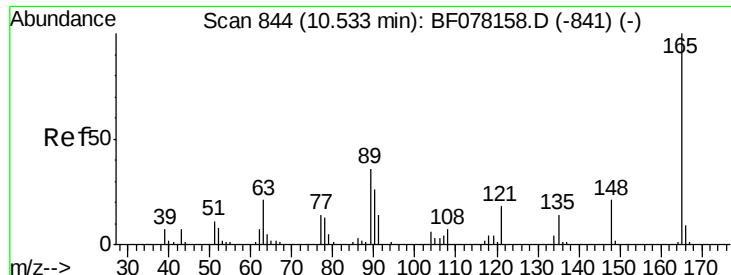


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

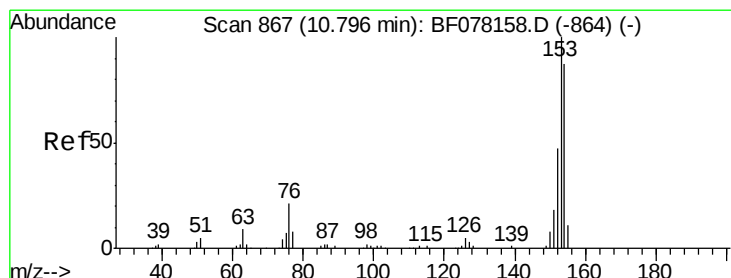
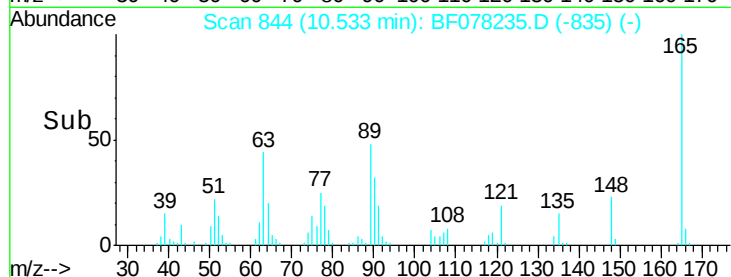
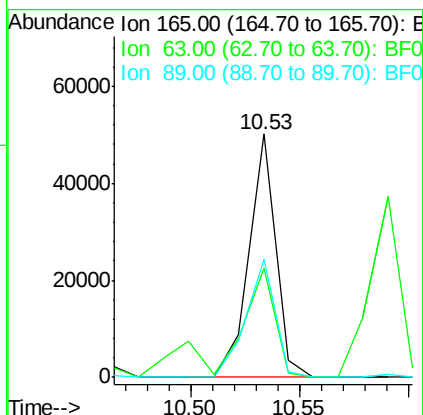
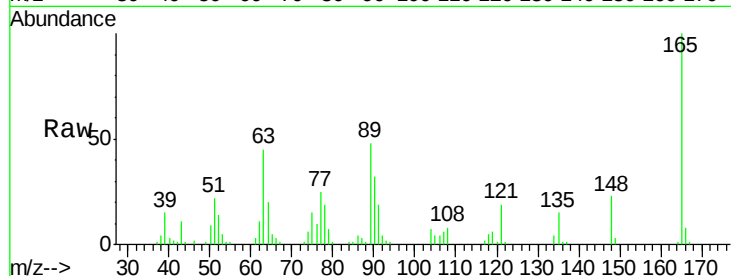




#50
 2,6-Dinitrotoluene
 Concen: 26.83 ng
 RT: 10.53 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF078235.D
 Acq: 3 Apr 2015 9:50

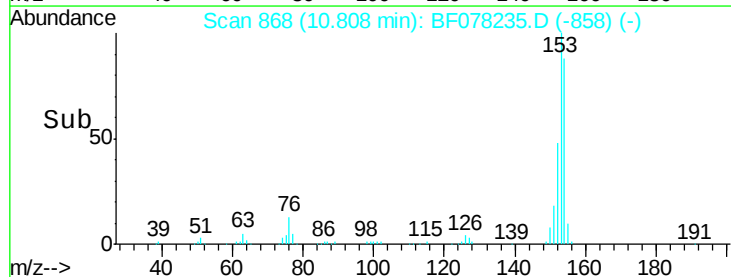
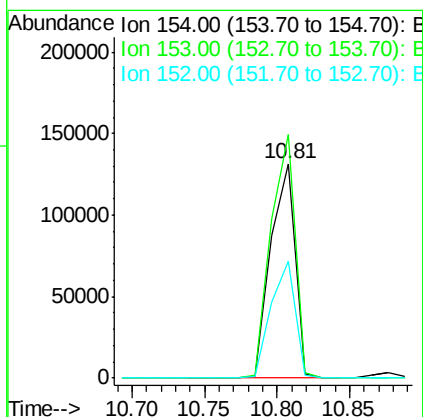
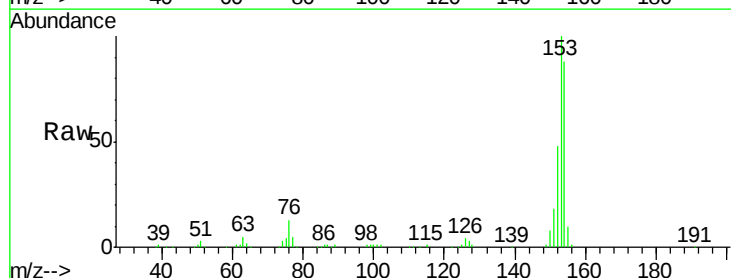
Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MSD

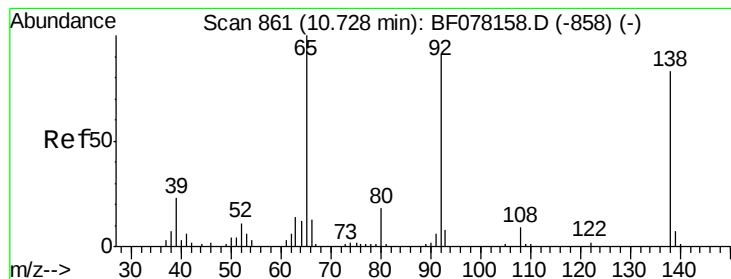
Tot Ion:165 Resp: 42820
 Ion Ratio Lower Upper
 165 100
 63 45.0 24.1 36.1#
 89 48.4 28.9 43.3#



#51
 Acenaphthene
 Concen: 25.35 ng
 RT: 10.81 min Scan# 868
 Delta R.T. 0.01 min
 Lab File: BF078235.D
 Acq: 3 Apr 2015 9:50

Tgt Ion:154 Resp: 153149
 Ion Ratio Lower Upper
 154 100
 153 113.5 91.4 137.2
 152 54.5 43.0 64.6





#52

3-Nitroaniline

Concen: 24.86 ng

RT: 10.74 min Scan# 862

Delta R.T. 0.01 min

Lab File: BF078235.D

Acq: 3 Apr 2015 9:50

Instrument :

BNA_F

ClientSampleId :

COMP-4MSD

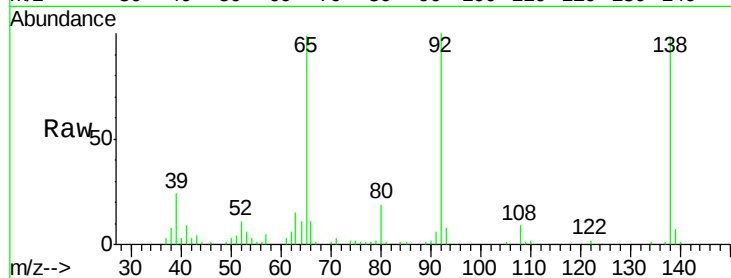
Tot Ion:138 Resp: 45111

Ion Ratio Lower Upper

138 100

108 9.3 8.2 12.4

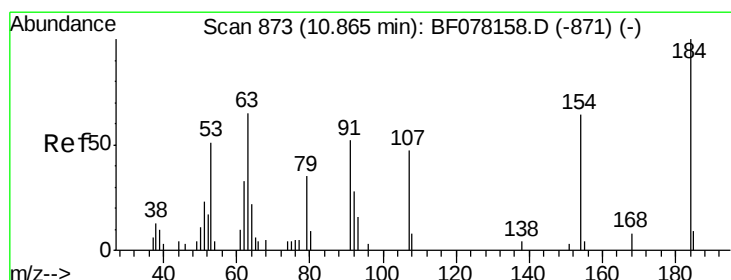
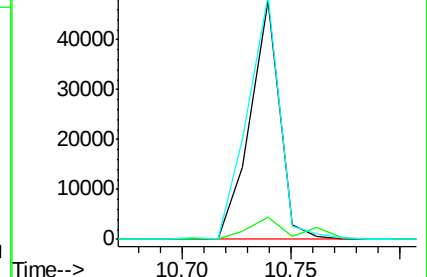
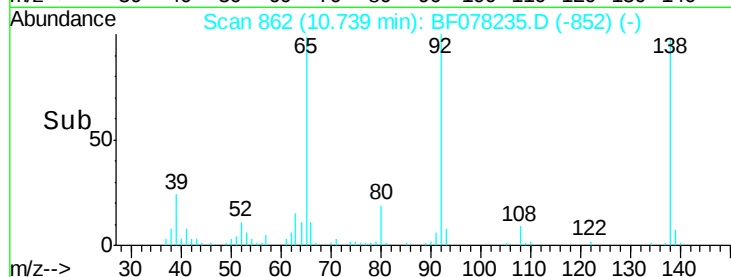
92 102.2 88.4 132.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 24.93 ng

RT: 10.88 min Scan# 874

Delta R.T. 0.01 min

Lab File: BF078235.D

Acq: 3 Apr 2015 9:50

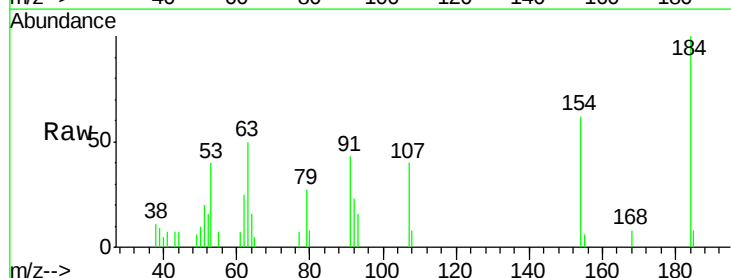
Tgt Ion:184 Resp: 8644

Ion Ratio Lower Upper

184 100

63 50.1 51.9 77.9#

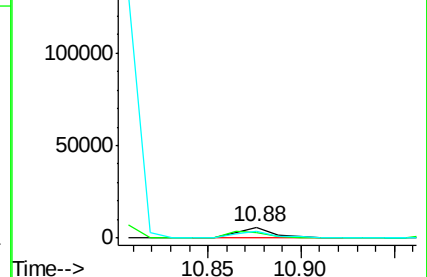
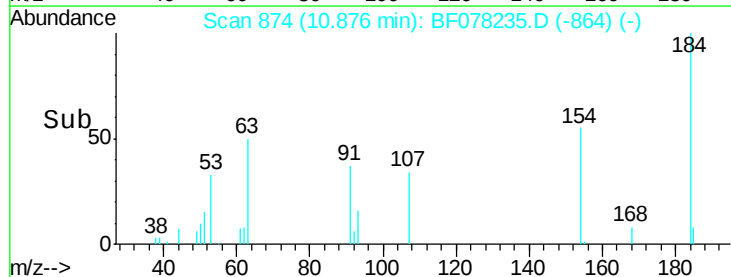
154 62.4 51.0 76.4

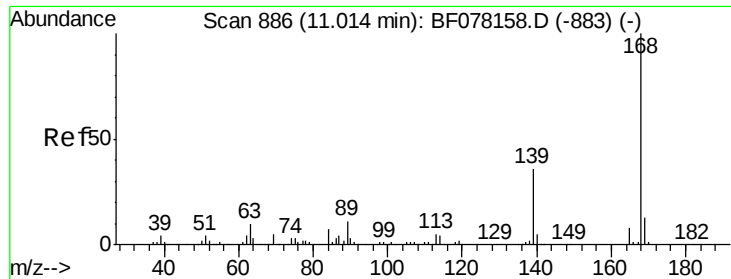


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

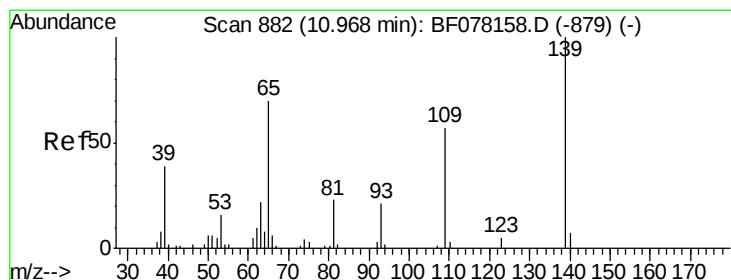
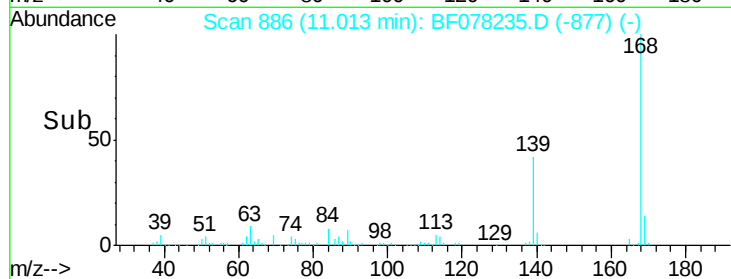
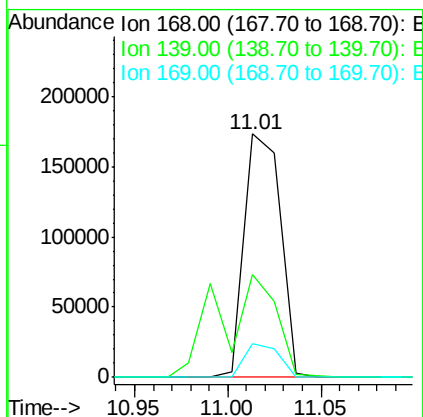
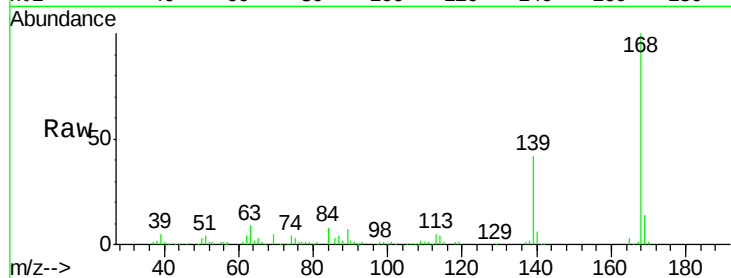




#54
Dibenzenofuran
Concen: 25.30 ng
RT: 11.01 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF078235.D
Acq: 3 Apr 2015 9:50

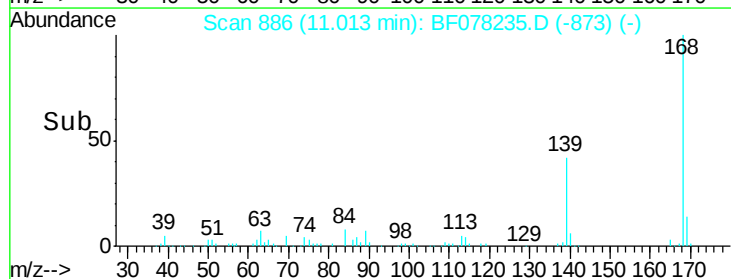
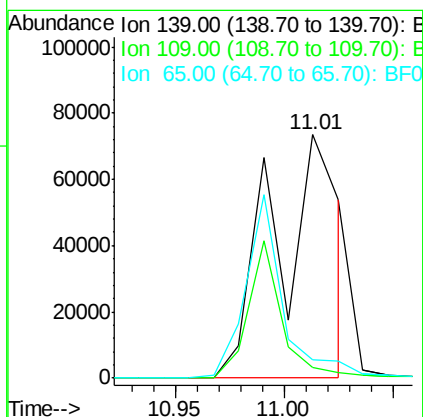
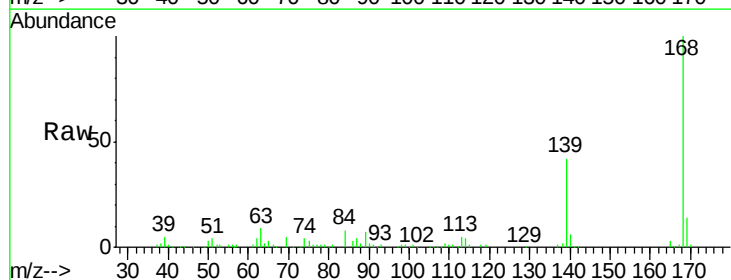
Instrument :
BNA_F
ClientSampleId :
COMP-4MSD

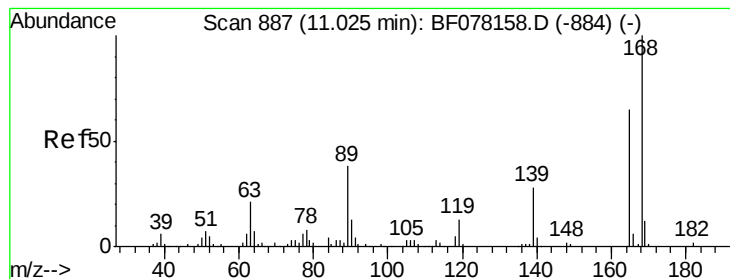
Tot Ion:168 Resp: 233495
Ion Ratio Lower Upper
168 100
139 42.4 31.0 46.4
169 13.6 10.7 16.1



#55
4-Nitrophenol
Concen: 112.42 ng
RT: 11.01 min Scan# 886
Delta R.T. 0.05 min
Lab File: BF078235.D
Acq: 3 Apr 2015 9:50

Tgt Ion:139 Resp: 151791
Ion Ratio Lower Upper
139 100
109 4.5 36.7 76.7#
65 7.7 49.9 89.9#

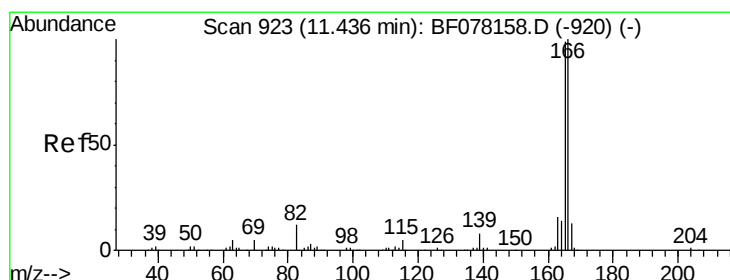
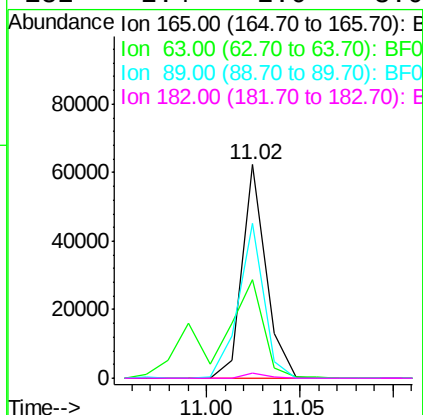
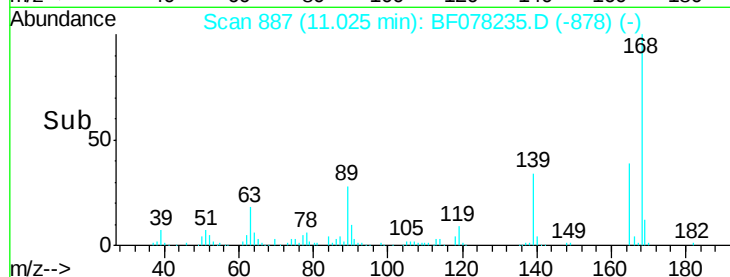
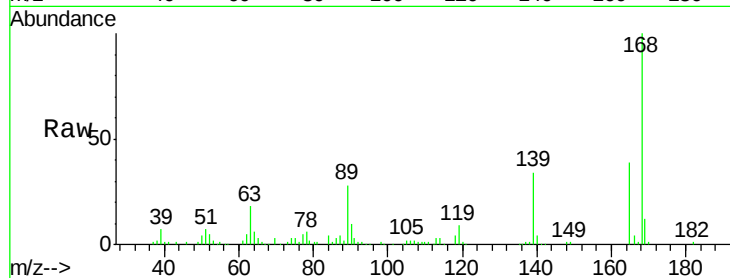




#56
2,4-Dinitrotoluene
Concen: 26.91 ng
RT: 11.02 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF078235.D
Acq: 3 Apr 2015 9:50

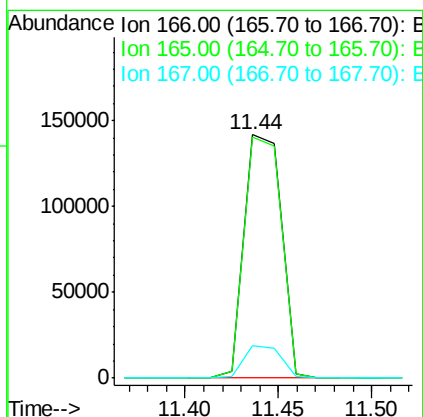
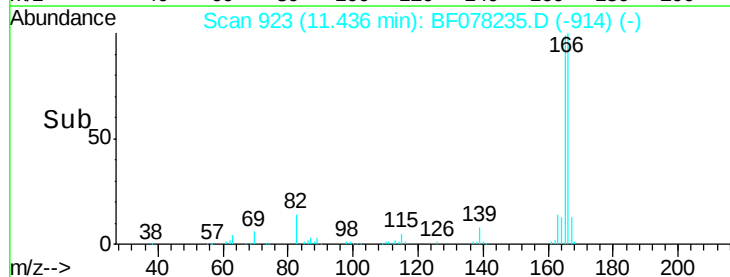
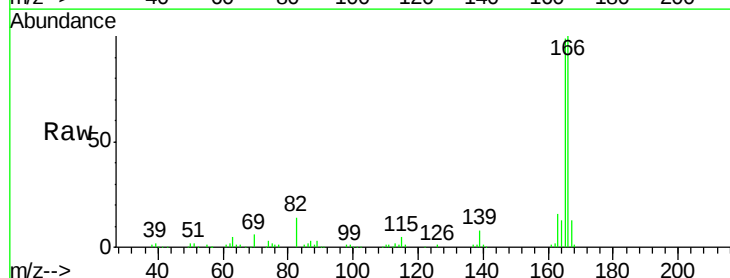
Instrument :
BNA_F
ClientSampleId :
COMP-4MSD

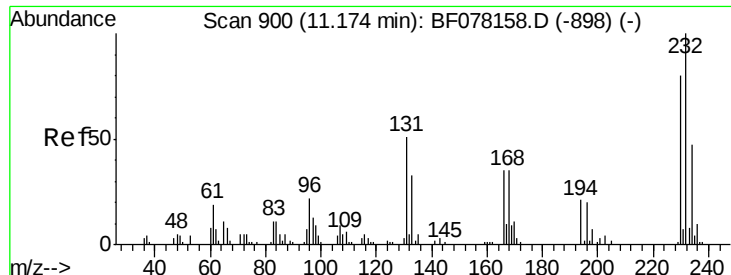
Tot Ion:165 Resp: 55637
Ion Ratio Lower Upper
165 100
63 46.0 26.5 39.7#
89 72.6 46.4 69.6#
182 2.4 2.0 3.0



#57
Fluorene
Concen: 26.16 ng
RT: 11.44 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF078235.D
Acq: 3 Apr 2015 9:50

Tgt Ion:166 Resp: 195717
Ion Ratio Lower Upper
166 100
165 99.1 78.9 118.3
167 13.3 10.7 16.1

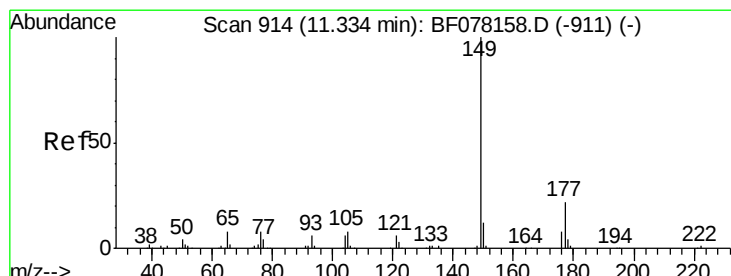
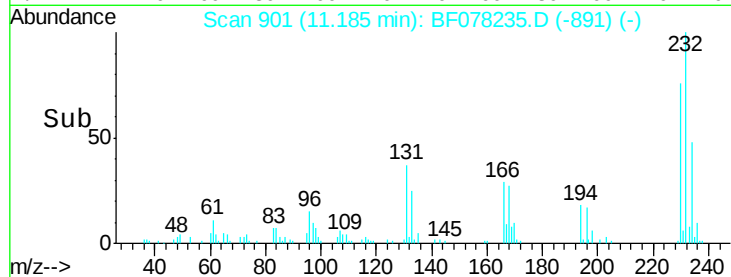
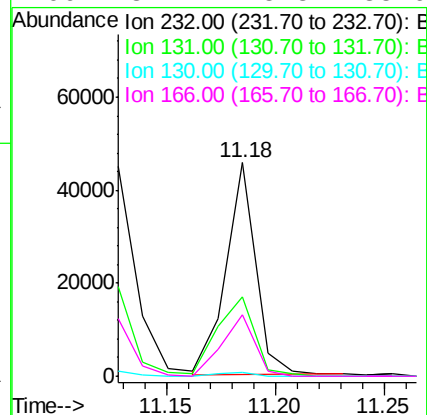
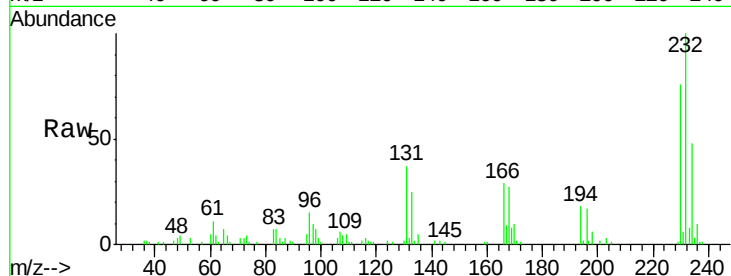




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 27.71 ng
 RT: 11.18 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: BF078235.D
 Acq: 3 Apr 2015 9:50

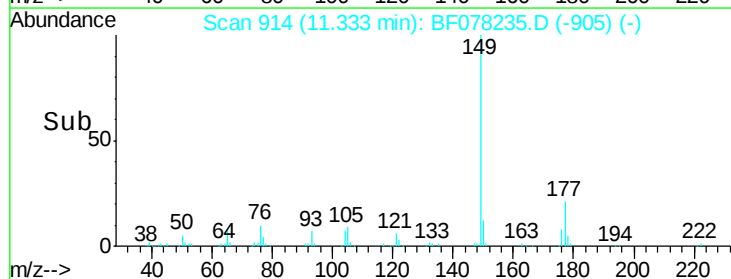
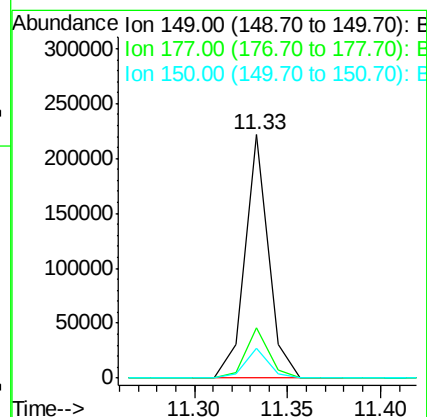
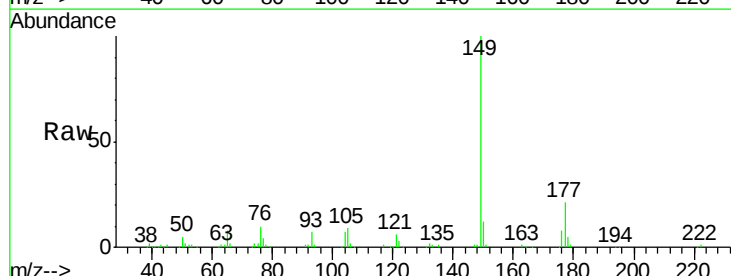
Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MSD

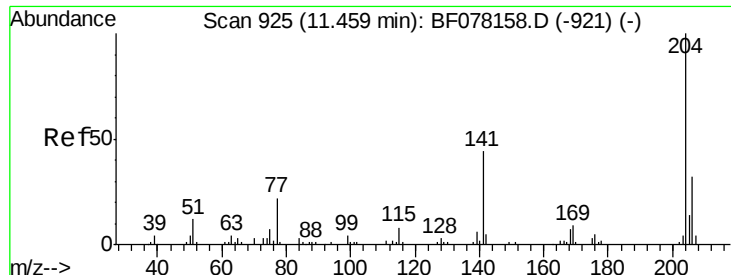
Tot Ion:232 Resp: 43305
 Ion Ratio Lower Upper
 232 100
 131 46.9 37.8 56.8
 130 2.2 1.5 2.3
 166 31.7 25.8 38.6



#59
 Diethylphthalate
 Concen: 25.94 ng
 RT: 11.33 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF078235.D
 Acq: 3 Apr 2015 9:50

Tgt Ion:149 Resp: 194007
 Ion Ratio Lower Upper
 149 100
 177 20.8 17.4 26.2
 150 12.2 9.4 14.2

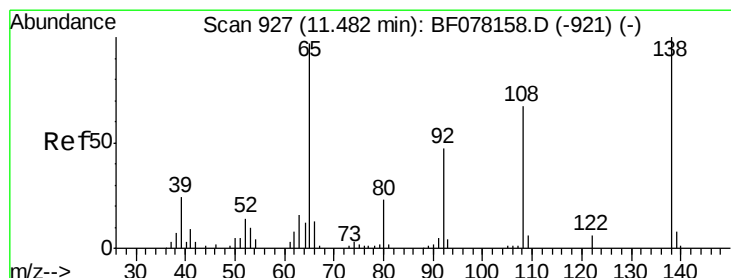
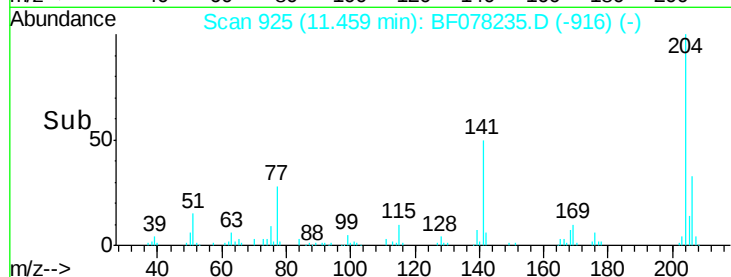
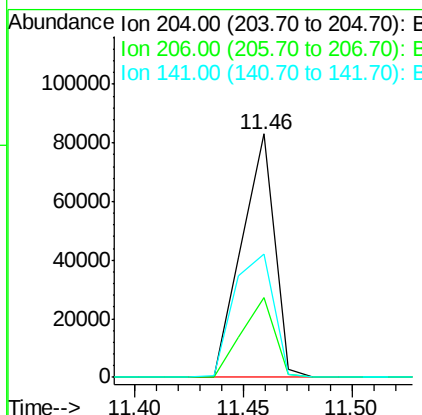
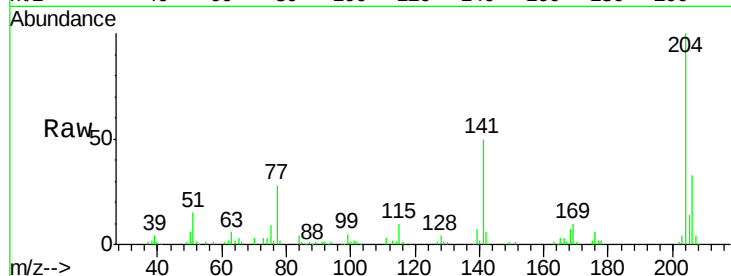




#60
 4-Chlorophenyl-phenylether
 Concen: 25.24 ng
 RT: 11.46 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BF078235.D
 Acq: 3 Apr 2015 9:50

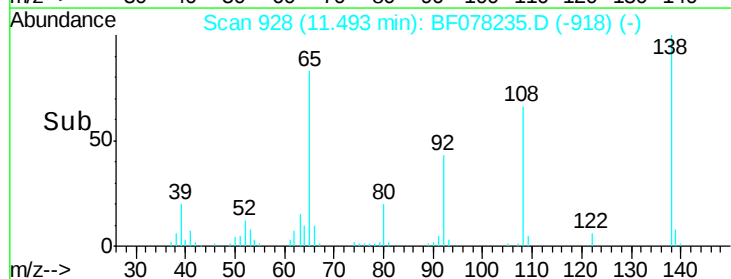
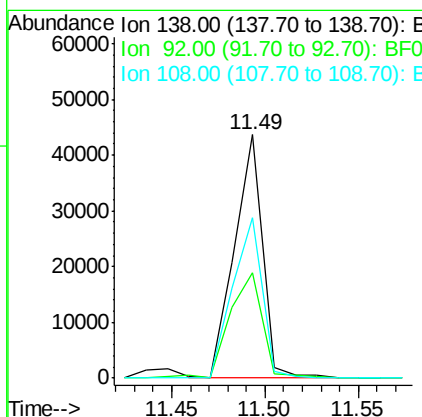
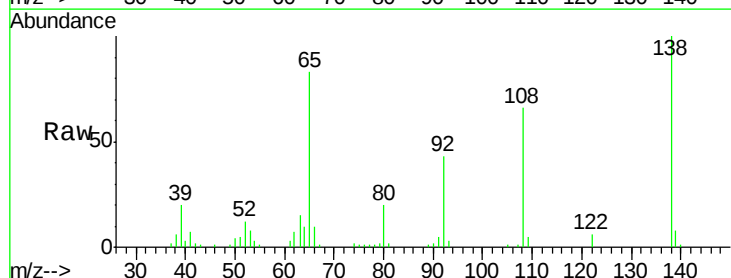
Instrument :
 BNA_F
 ClientSampled :
 COMP-4MSD

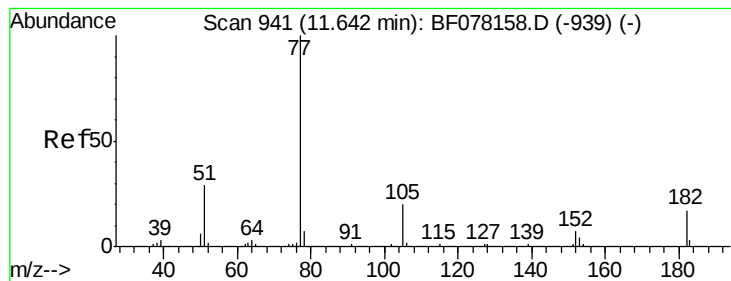
Tot Ion:204 Resp: 86871
 Ion Ratio Lower Upper
 204 100
 206 32.9 25.6 38.4
 141 50.5 35.4 53.0



#61
 4-Nitroaniline
 Concen: 25.21 ng
 RT: 11.49 min Scan# 928
 Delta R.T. 0.01 min
 Lab File: BF078235.D
 Acq: 3 Apr 2015 9:50

Tgt Ion:138 Resp: 46260
 Ion Ratio Lower Upper
 138 100
 92 43.2 27.3 67.3
 108 65.9 47.2 87.2





#62

Azobenzene

Concen: 29.57 ng

RT: 11.65 min Scan# 942

Delta R.T. 0.01 min

Lab File: BF078235.D

Acq: 3 Apr 2015 9:50

Instrument :

BNA_F

ClientSampleId :

COMP-4MSD

Tot Ion: 77 Resp: 201876

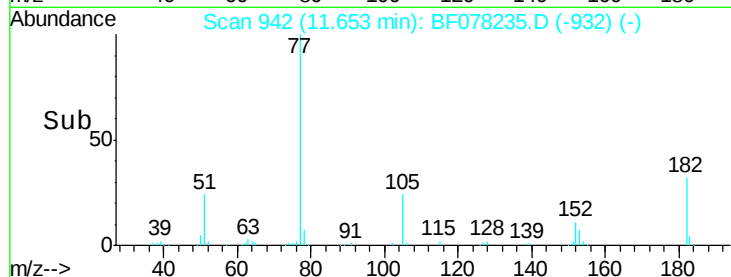
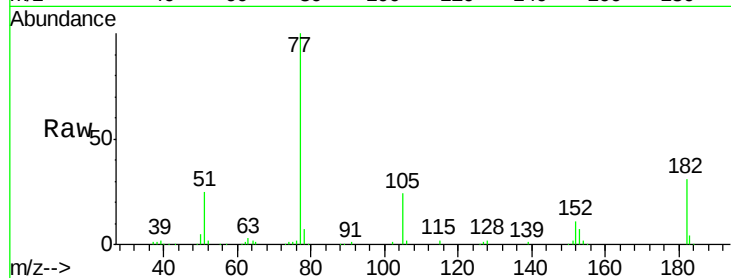
Ion Ratio Lower Upper

77 100

182 31.4 0.0 36.8

105 24.2 0.3 40.3

51 24.6 9.1 49.1

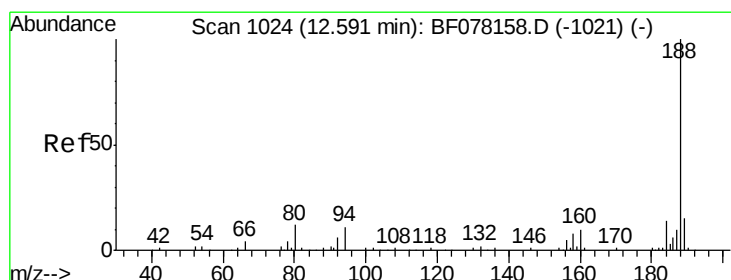
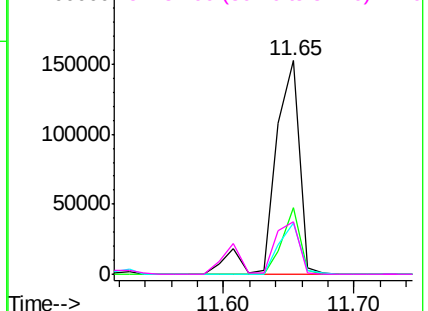


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.60 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF078235.D

Acq: 3 Apr 2015 9:50

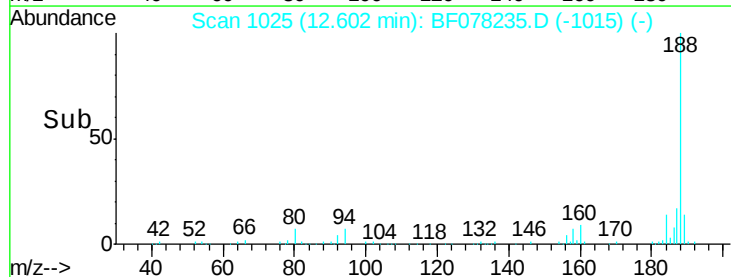
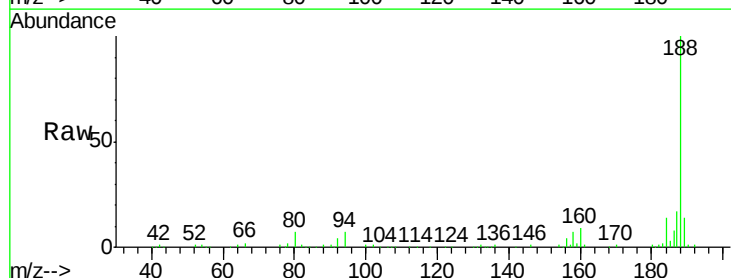
Tgt Ion: 188 Resp: 199663

Ion Ratio Lower Upper

188 100

94 6.9 9.0 13.4#

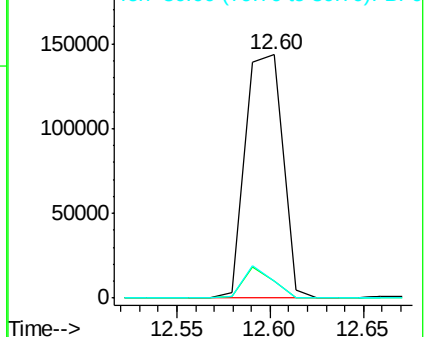
80 6.8 9.5 14.3#

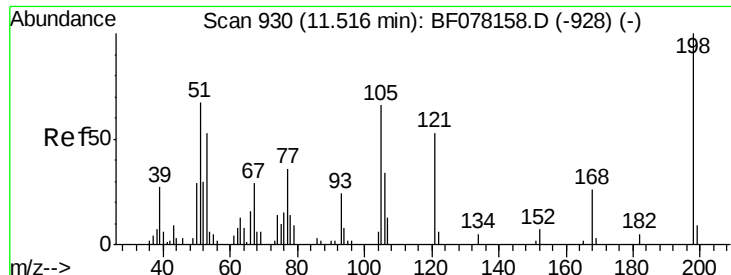


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 16.49 ng

RT: 11.53 min Scan# 931

Delta R.T. 0.01 min

Lab File: BF078235.D

Acq: 3 Apr 2015 9:50

Instrument :

BNA_F

ClientSampleId :

COMP-4MSD

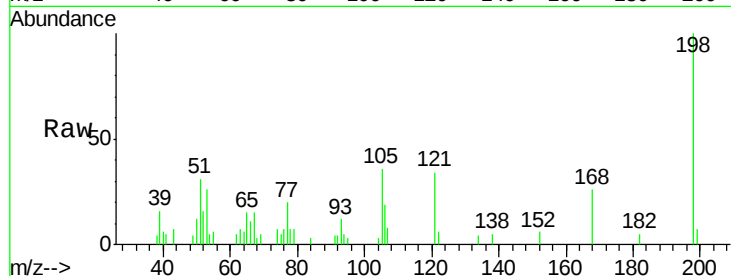
Tot Ion:198 Resp: 9557

Ion Ratio Lower Upper

198 100

51 30.7 48.6 88.6#

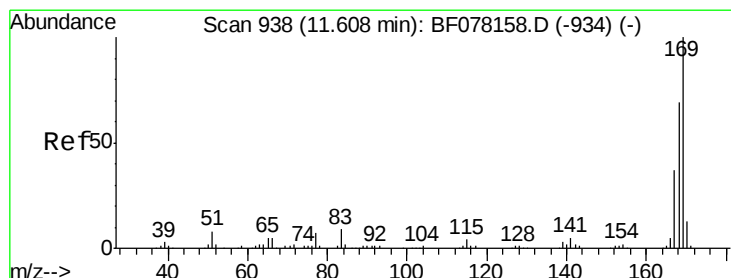
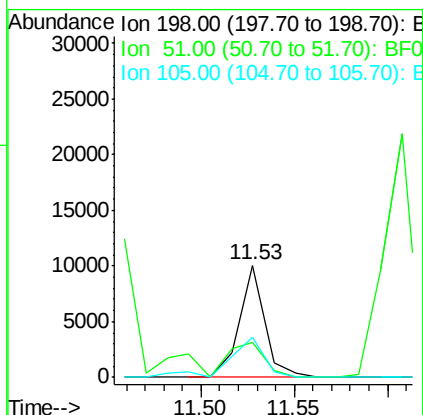
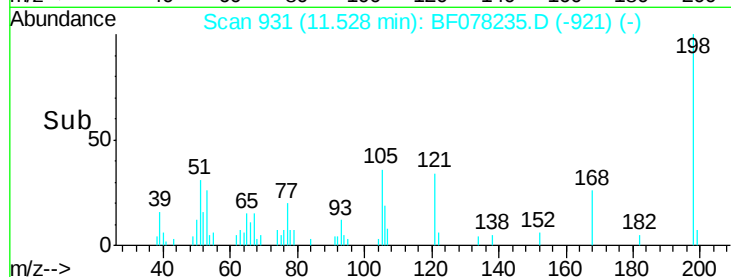
105 35.8 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 24.89 ng

RT: 11.61 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF078235.D

Acq: 3 Apr 2015 9:50

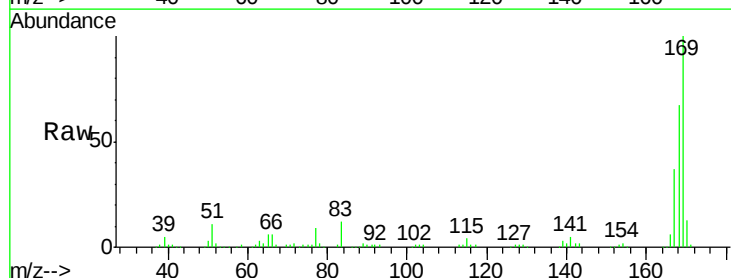
Tgt Ion:169 Resp: 171933

Ion Ratio Lower Upper

169 100

168 67.1 55.0 82.4

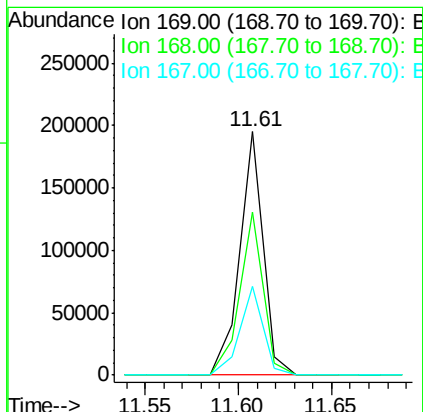
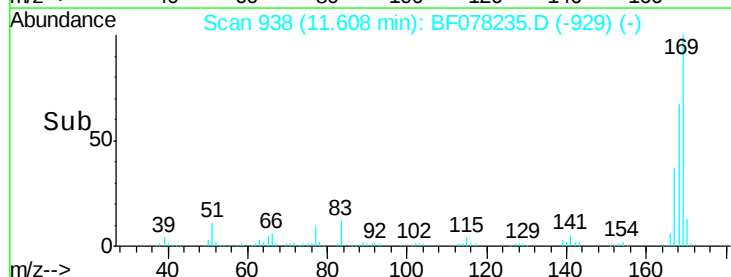
167 36.6 29.3 43.9

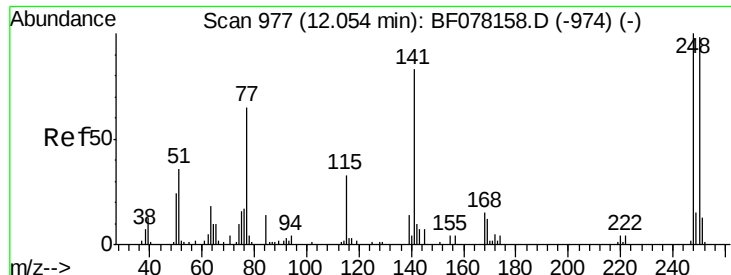


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

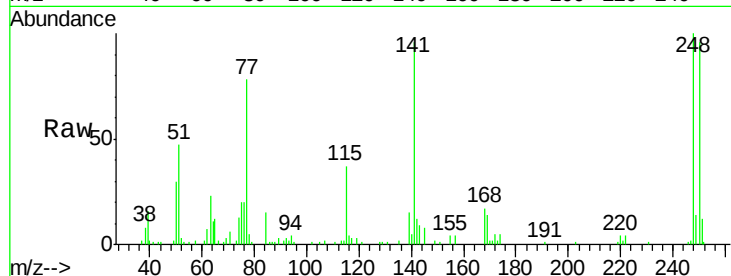




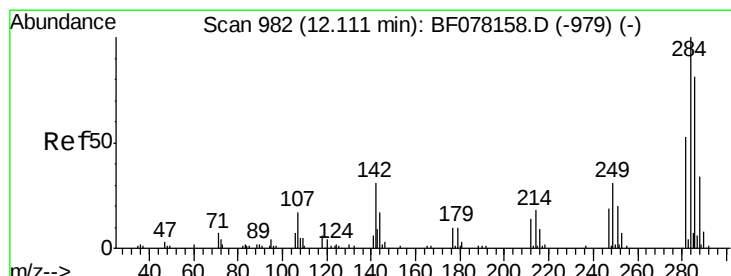
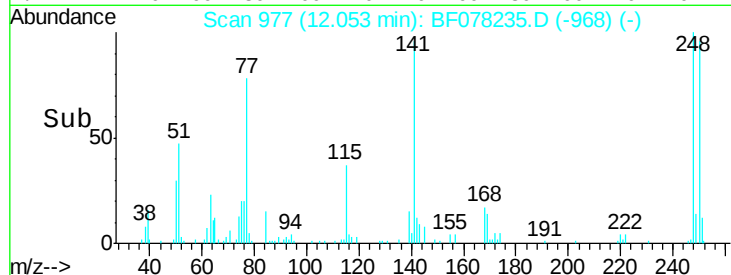
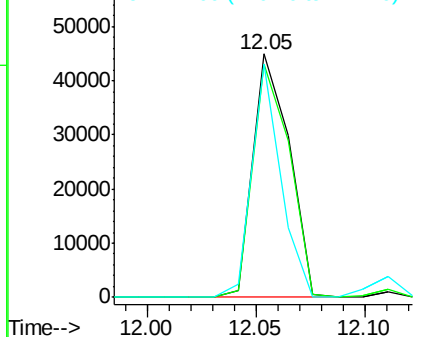
#66
4-Bromophenyl-phenylether
Concen: 24.88 ng
RT: 12.05 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF078235.D
Acq: 3 Apr 2015 9:50

Instrument :
BNA_F
ClientSampleId :
COMP-4MSD

Tot Ion:248 Resp: 52619
Ion Ratio Lower Upper
248 100
250 96.0 78.2 117.2
141 95.7 66.4 99.6

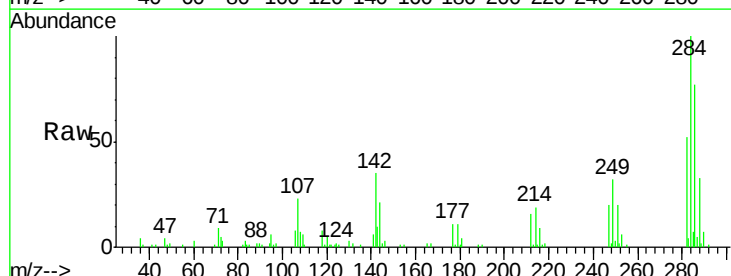


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

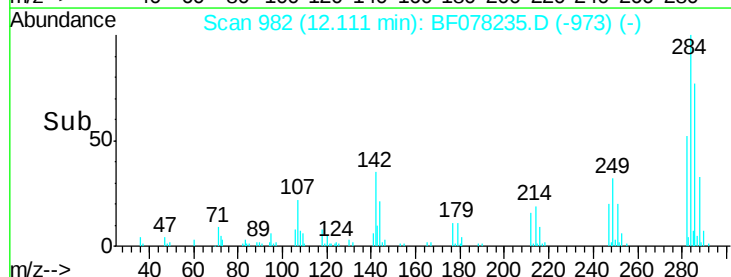
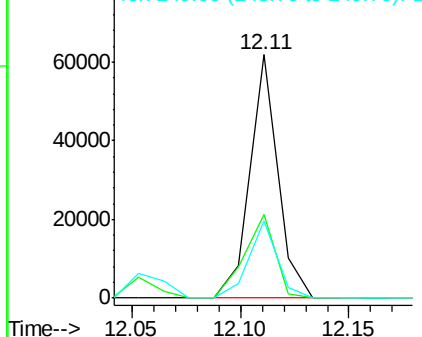


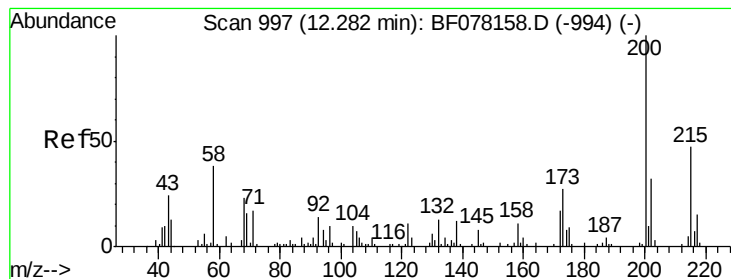
#67
Hexachlorobenzene
Concen: 23.79 ng
RT: 12.11 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF078235.D
Acq: 3 Apr 2015 9:50

Tgt Ion:284 Resp: 55132
Ion Ratio Lower Upper
284 100
142 34.6 24.5 36.7
249 31.5 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 24.81 ng

RT: 12.28 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF078235.D

Acq: 3 Apr 2015 9:50

Instrument :

BNA_F

ClientSampleId :

COMP-4MSD

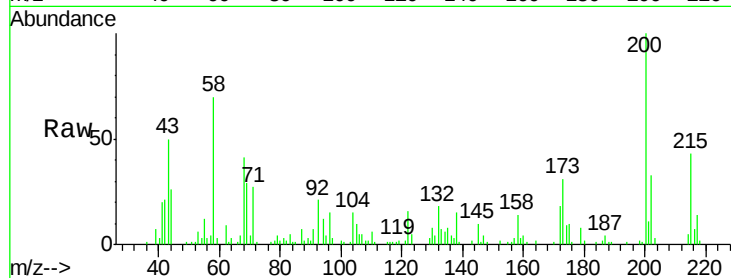
Tot Ion:200 Resp: 49624

Ion Ratio Lower Upper

200 100

173 31.3 6.9 46.9

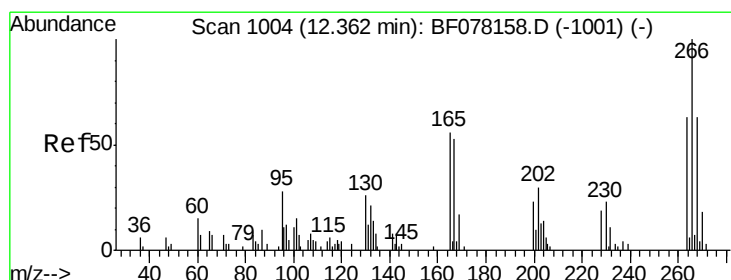
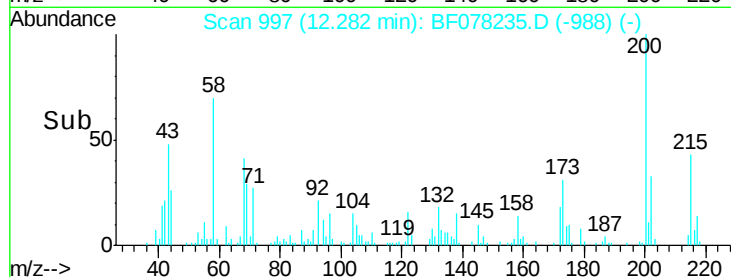
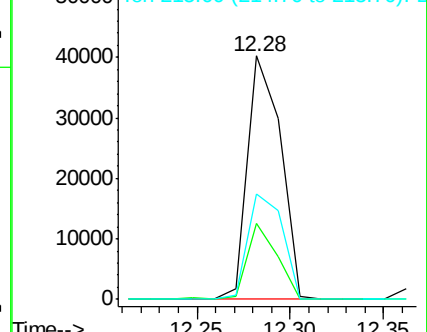
215 43.4 27.1 67.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 50.60 ng

RT: 12.37 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BF078235.D

Acq: 3 Apr 2015 9:50

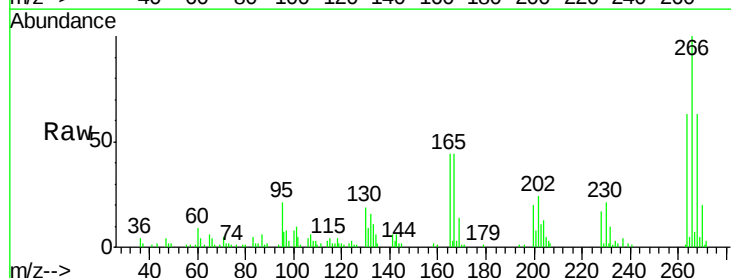
Tgt Ion:266 Resp: 48751

Ion Ratio Lower Upper

266 100

268 63.4 50.1 75.1

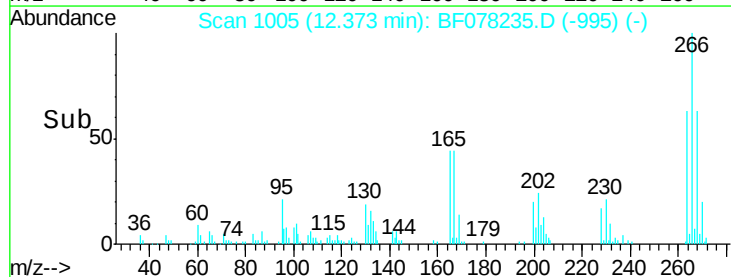
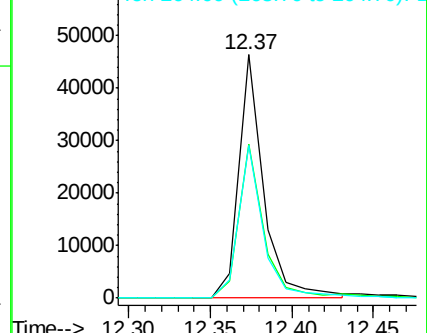
264 62.6 50.0 75.0

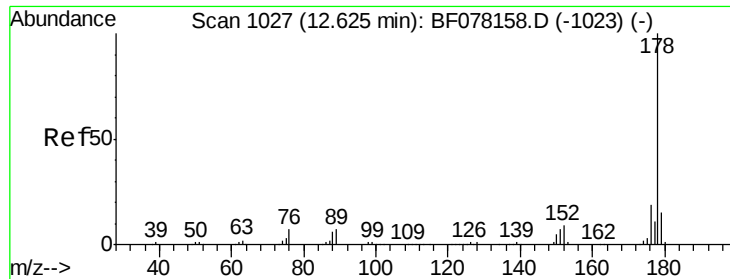


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 24.60 ng

RT: 12.62 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BF078235.D

Acq: 3 Apr 2015 9:50

Instrument :

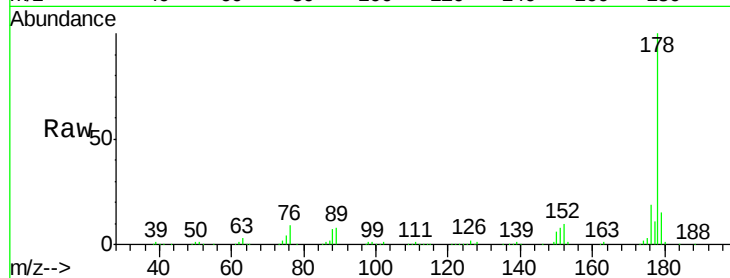
BNA_F

ClientSampleId :

COMP-4MSD

Tot Ion:178 Resp: 284133

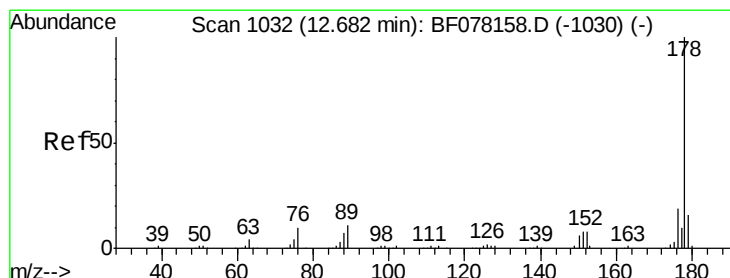
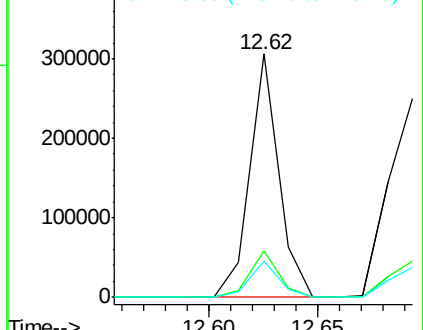
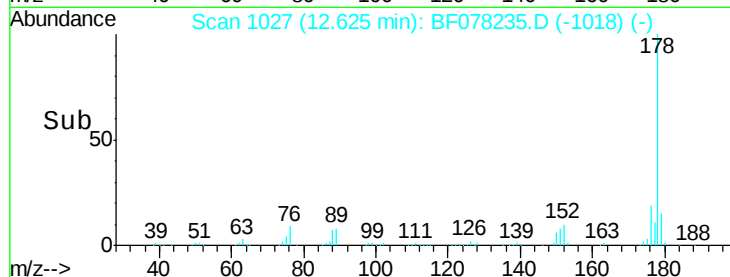
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.1	12.2	18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 24.82 ng

RT: 12.69 min Scan# 1033

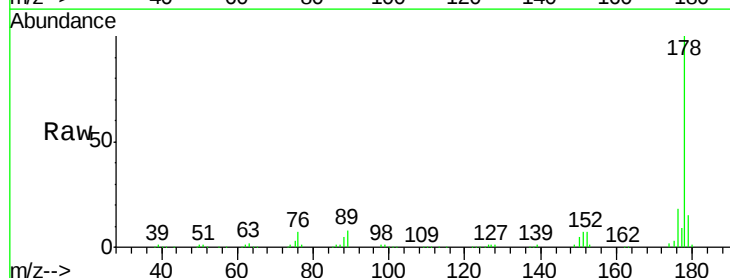
Delta R.T. 0.01 min

Lab File: BF078235.D

Acq: 3 Apr 2015 9:50

Tgt Ion:178 Resp: 282523

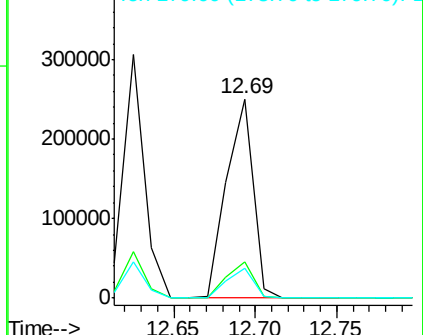
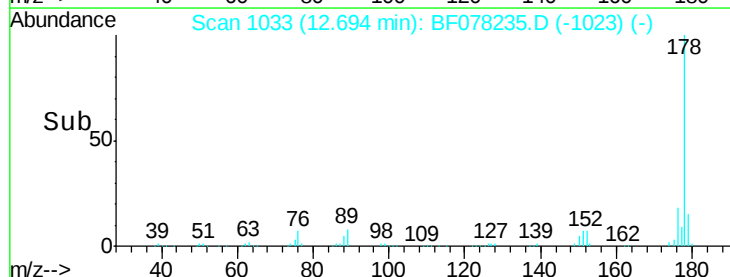
Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.0	12.4	18.6

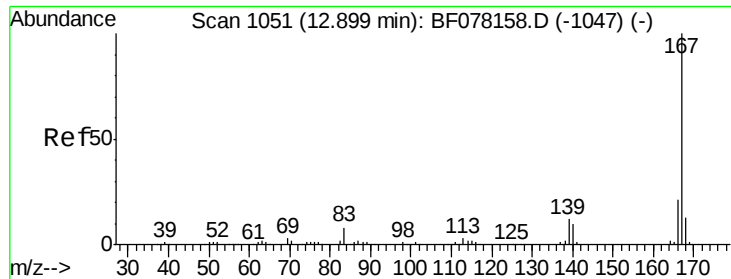


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 27.13 ng

RT: 12.91 min Scan# 1052

Delta R.T. 0.01 min

Lab File: BF078235.D

Acq: 3 Apr 2015 9:50

Instrument :

BNA_F

ClientSampleId :

COMP-4MSD

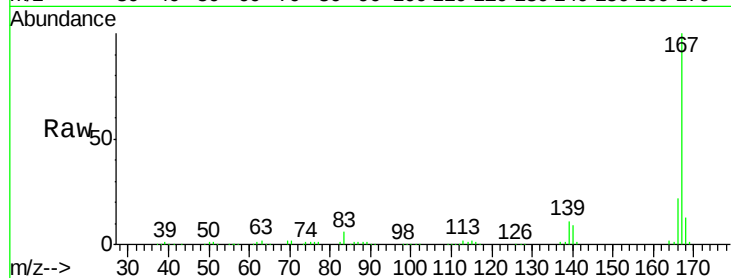
Tot Ion:167 Resp: 289317

Ion Ratio Lower Upper

167 100

166 22.0 16.8 25.2

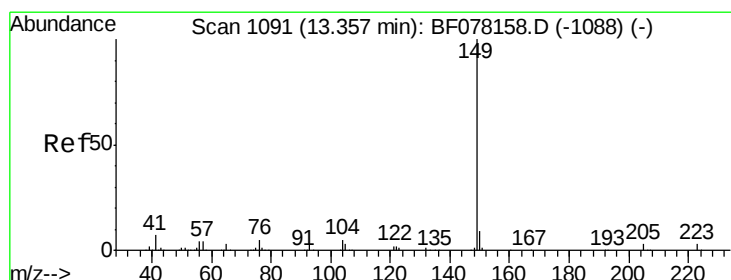
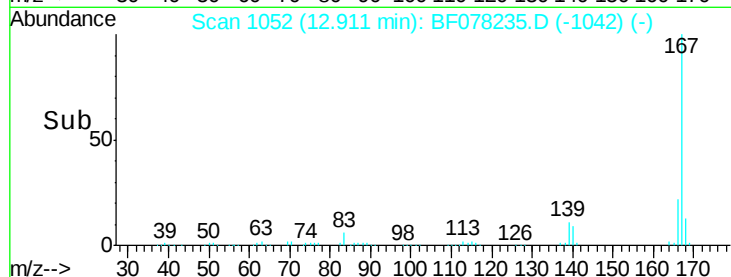
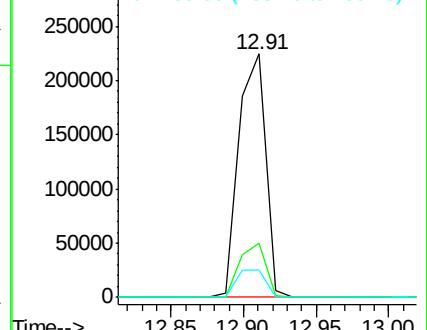
139 11.1 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 26.47 ng

RT: 13.36 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BF078235.D

Acq: 3 Apr 2015 9:50

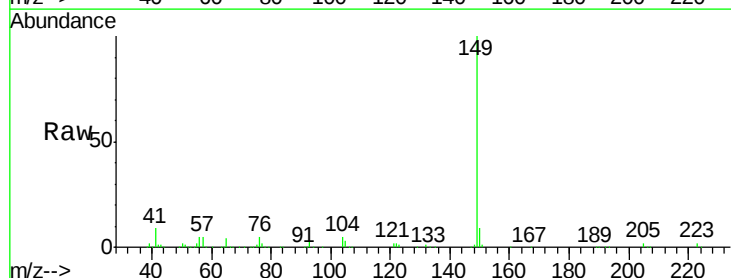
Tgt Ion:149 Resp: 319863

Ion Ratio Lower Upper

149 100

150 9.2 7.1 10.7

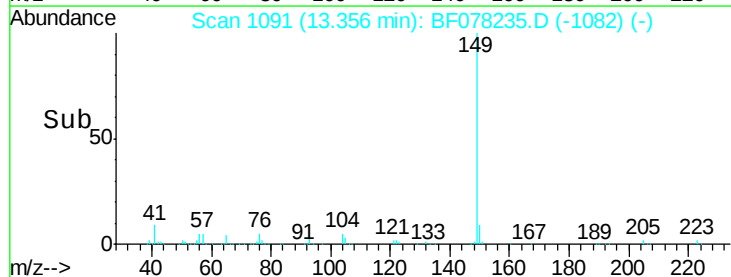
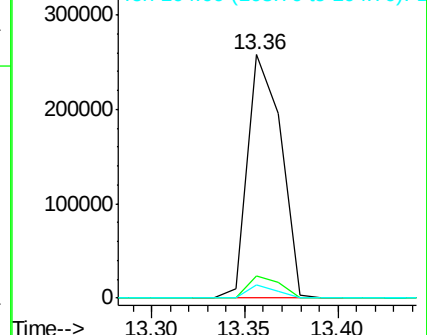
104 5.3 3.8 5.6

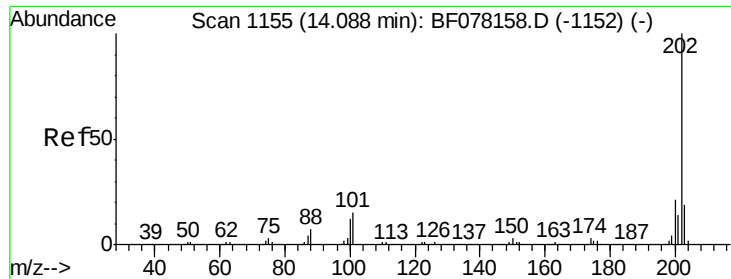


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

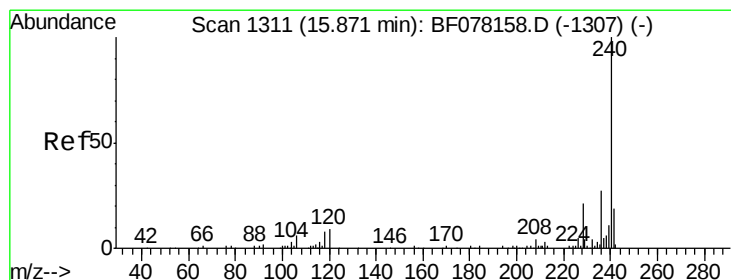
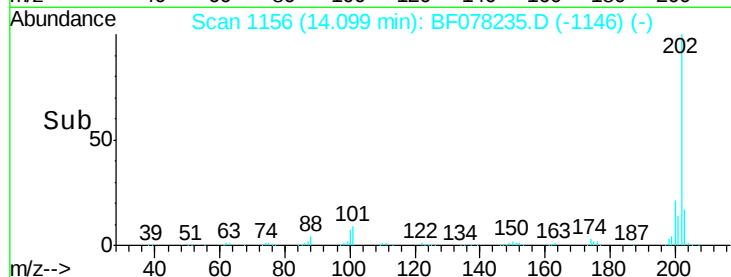
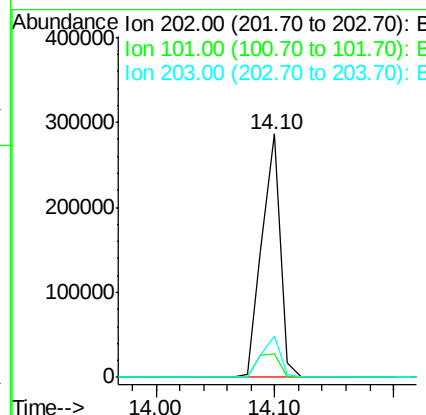
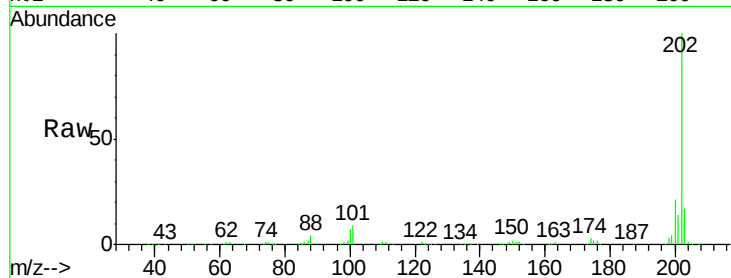




#74
 Fluoranthene
 Concen: 25.80 ng
 RT: 14.10 min Scan# 1156
 Delta R.T. 0.01 min
 Lab File: BF078235.D
 Acq: 3 Apr 2015 9:50

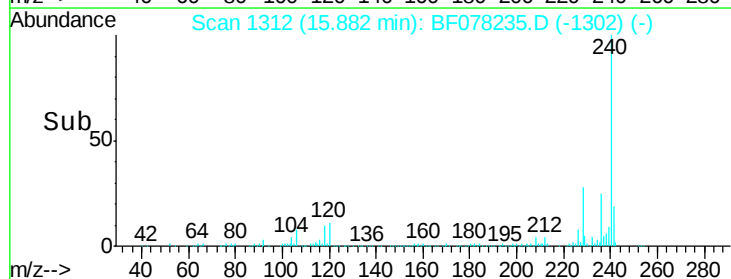
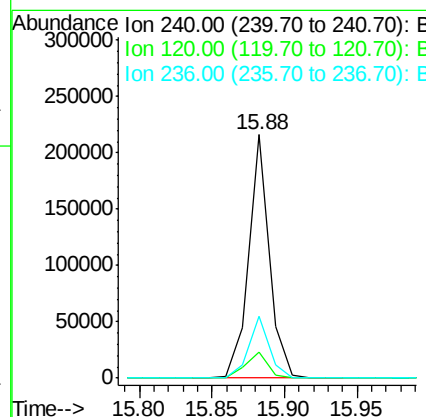
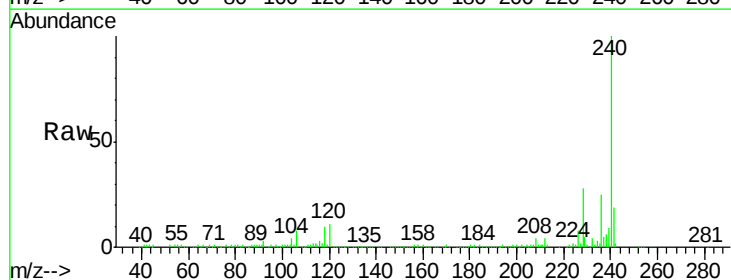
Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MSD

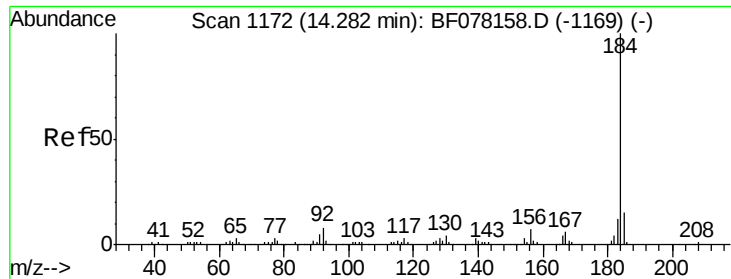
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	35.2
203	17.1	0.0	38.5



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.88 min Scan# 1312
 Delta R.T. 0.01 min
 Lab File: BF078235.D
 Acq: 3 Apr 2015 9:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	7.1	10.7#
236	25.3	21.4	32.2

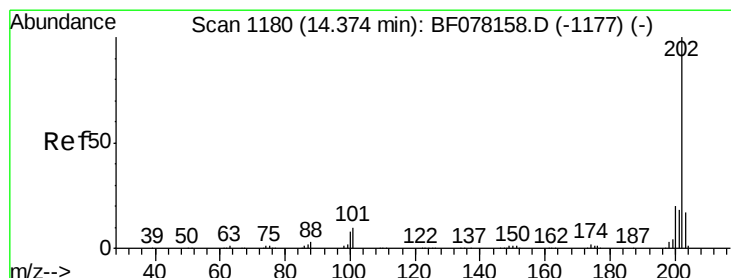
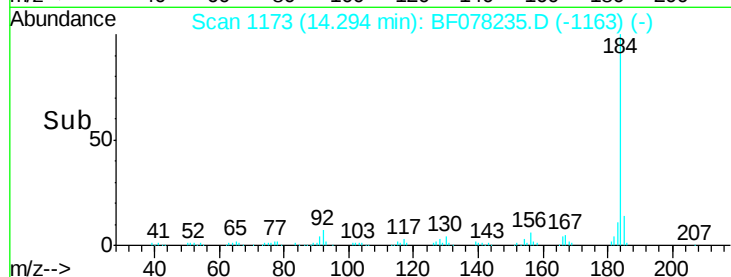
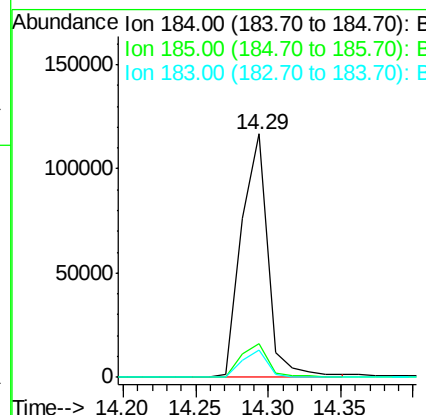
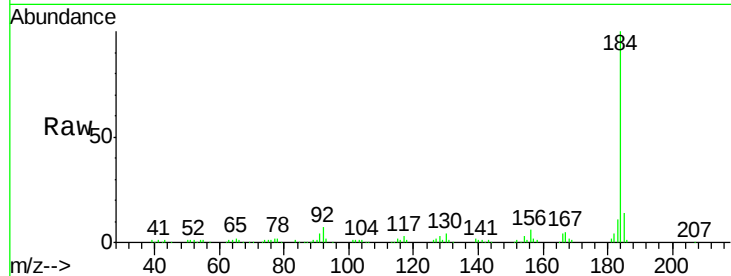




#76
Benzidine
Concen: 18.03 ng
RT: 14.29 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF078235.D
Acq: 3 Apr 2015 9:50

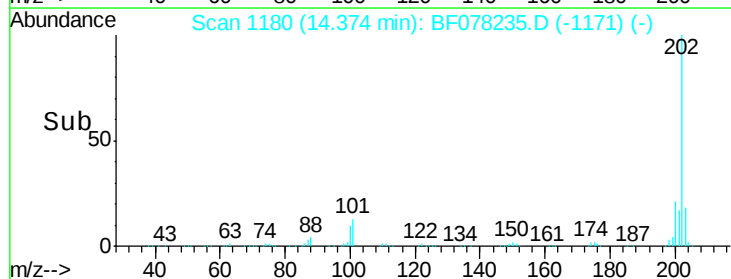
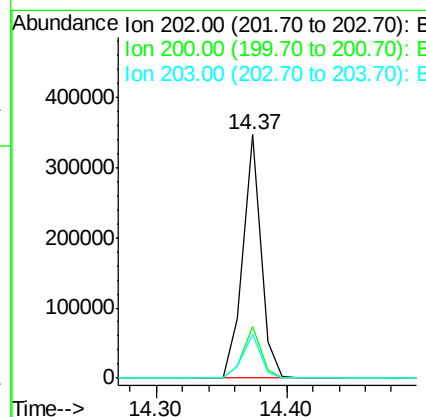
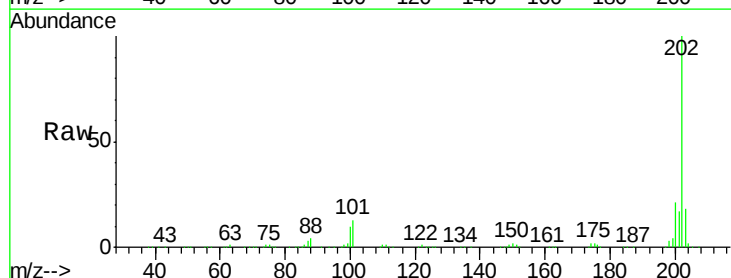
Instrument :
BNA_F
ClientSampleId :
COMP-4MSD

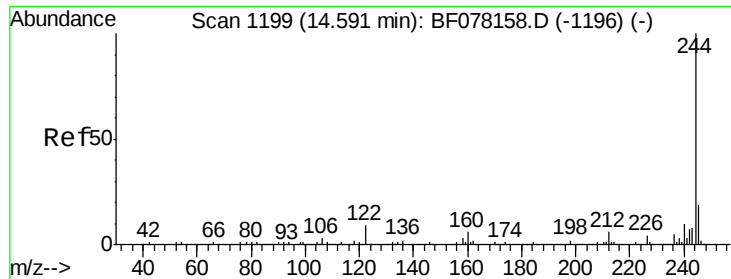
Tot Ion:184 Resp: 148921
Ion Ratio Lower Upper
184 100
185 13.7 12.2 18.2
183 11.0 9.5 14.3



#77
Pyrene
Concen: 24.75 ng
RT: 14.37 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF078235.D
Acq: 3 Apr 2015 9:50

Tgt Ion:202 Resp: 333336
Ion Ratio Lower Upper
202 100
200 21.0 16.3 24.5
203 17.8 13.8 20.6





#78

Terphenyl-d14

Concen: 43.34 ng

RT: 14.59 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BF078235.D

Acq: 3 Apr 2015 9:50

Instrument :

BNA_F

ClientSampled :

COMP-4MSD

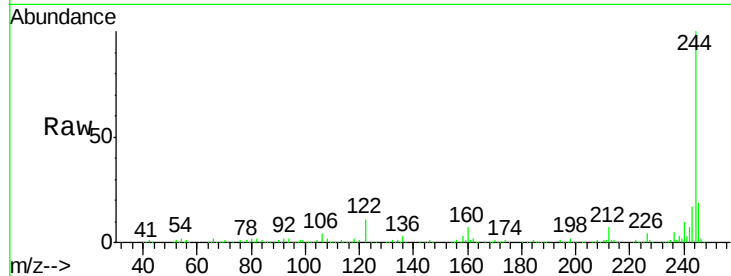
Tot Ion:244 Resp: 411371

Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.4

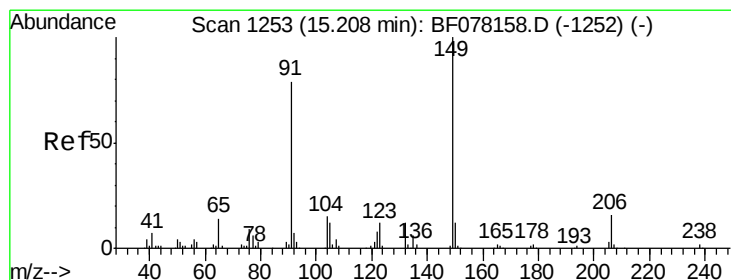
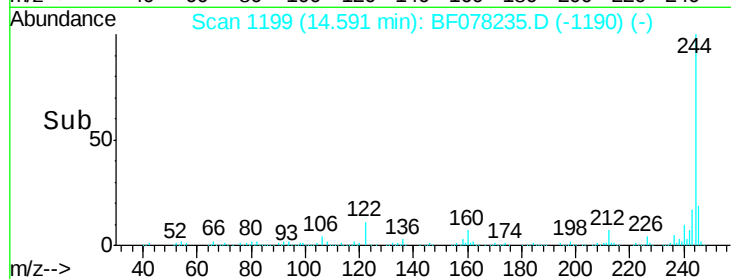
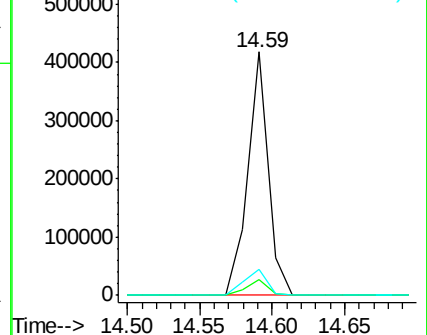
122 10.8 7.1 10.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 28.95 ng

RT: 15.22 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF078235.D

Acq: 3 Apr 2015 9:50

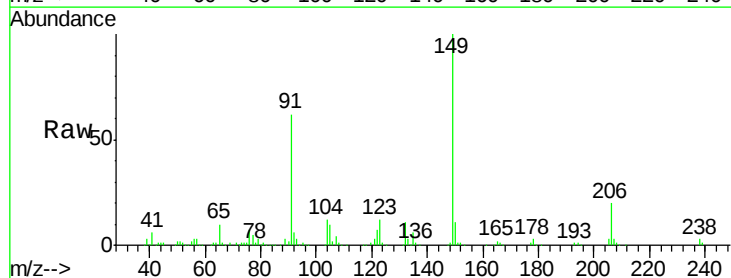
Tgt Ion:149 Resp: 148577

Ion Ratio Lower Upper

149 100

91 61.8 64.2 96.2#

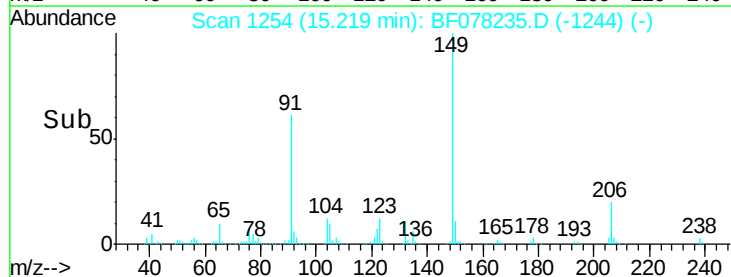
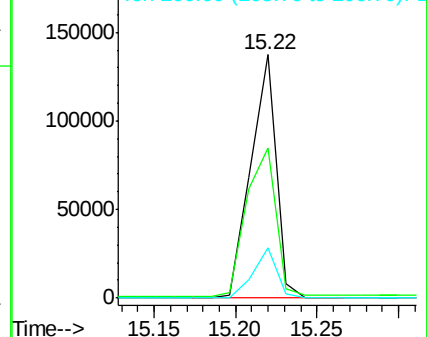
206 20.5 12.6 18.8#

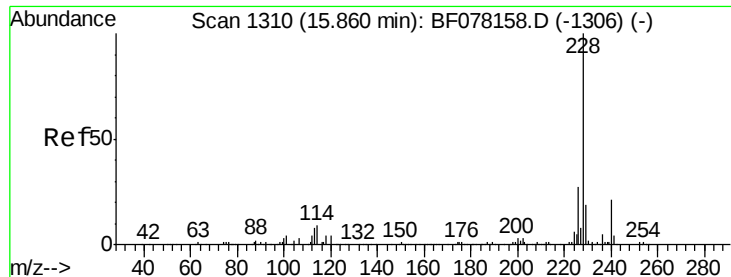


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

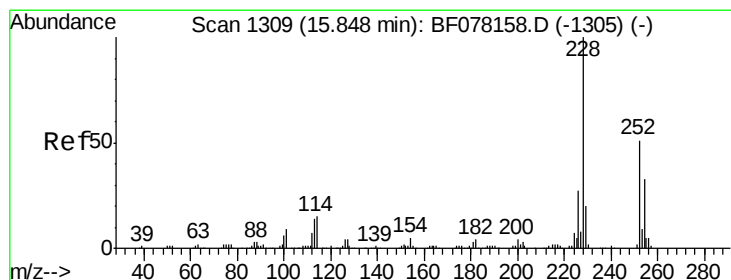
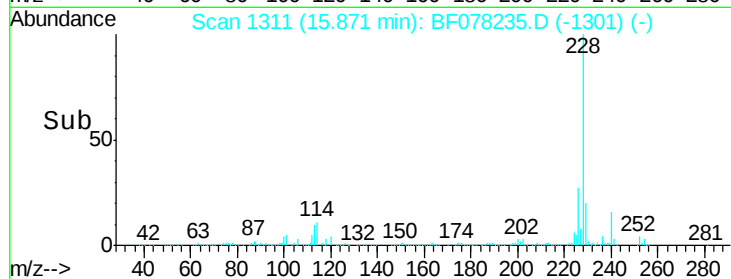
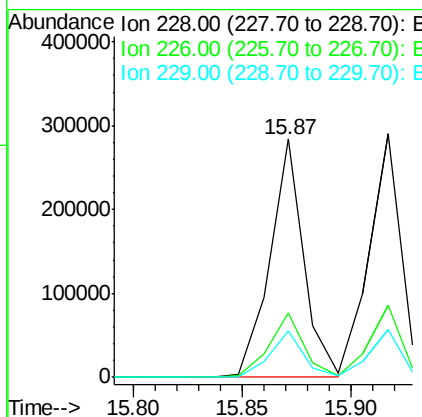
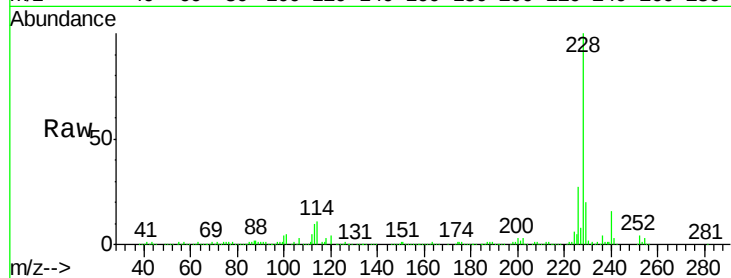




#80
Benzo(a)anthracene
Concen: 24.12 ng
RT: 15.87 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF078235.D
Acq: 3 Apr 2015 9:50

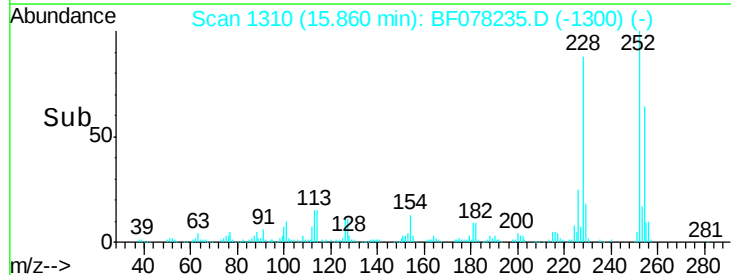
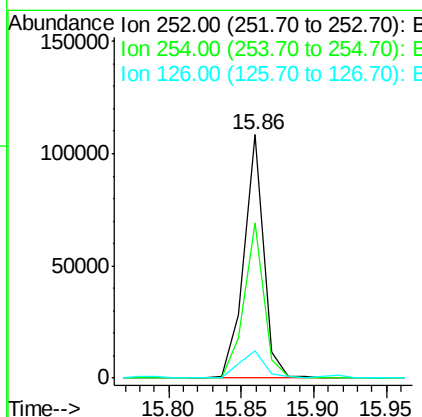
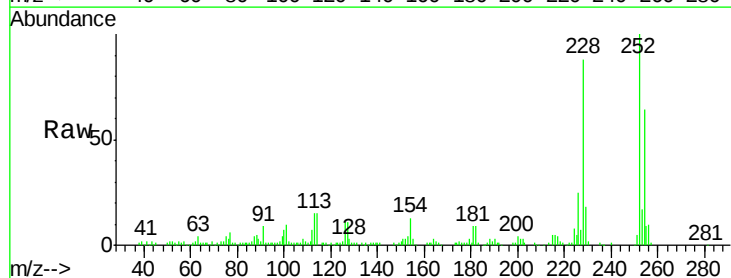
Instrument :
BNA_F
ClientSampleId :
COMP-4MSD

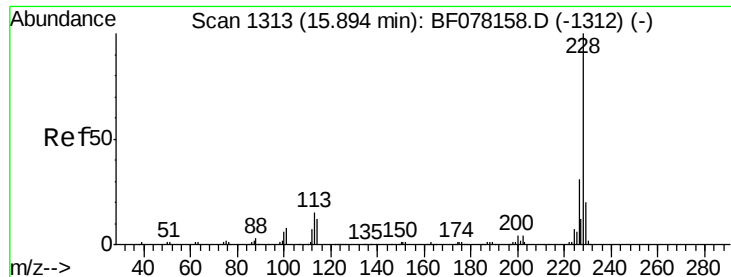
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.3	31.9
229	19.7	15.4	23.2



#81
3,3'-Dichlorobenzidine
Concen: 24.23 ng
RT: 15.86 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF078235.D
Acq: 3 Apr 2015 9:50

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.2	76.8
126	11.0	6.3	9.5

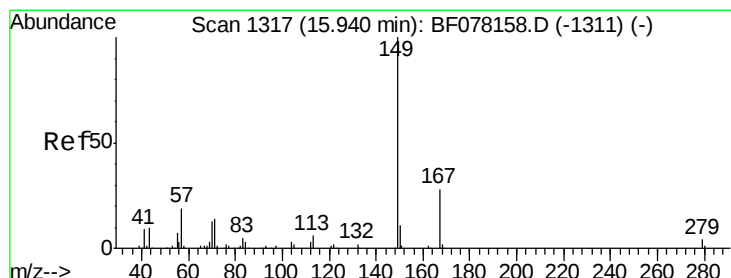
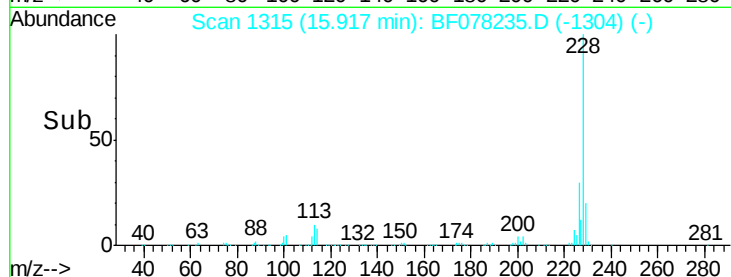
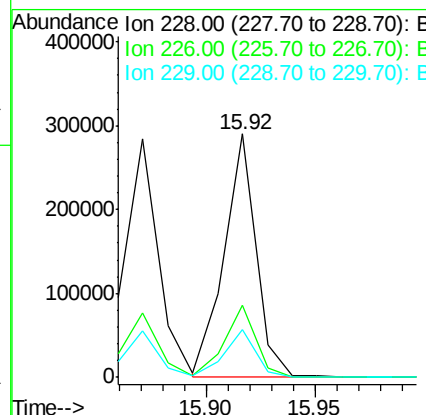
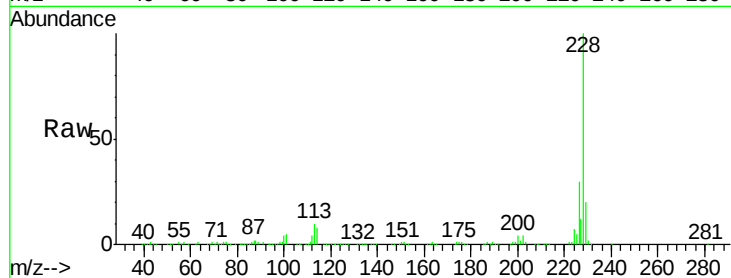




#82
 Chrvsene
 Concen: 24.56 ng
 RT: 15.92 min Scan# 1315
 Delta R.T. 0.02 min
 Lab File: BF078235.D
 Acq: 3 Apr 2015 9:50

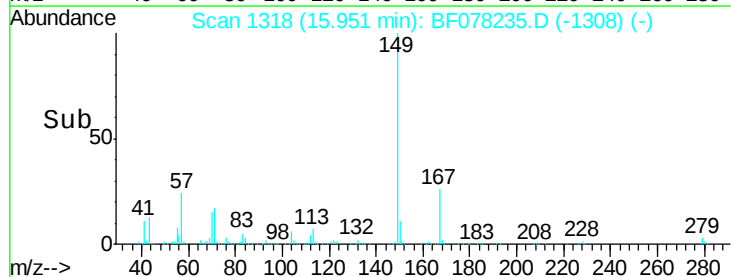
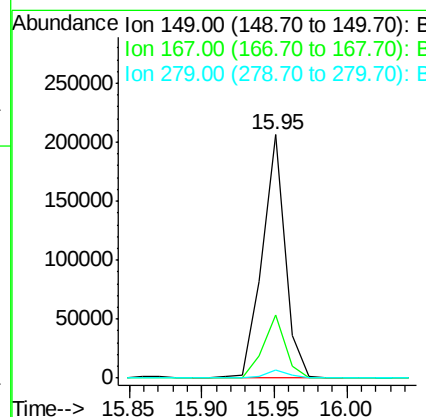
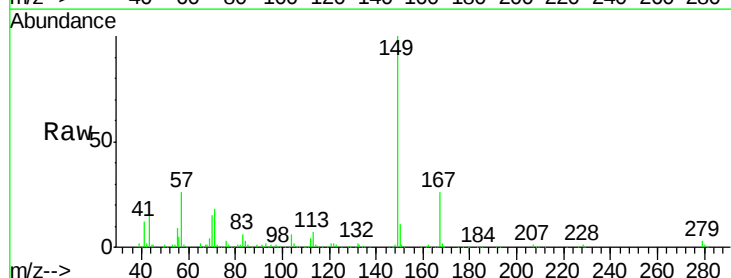
Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MSD

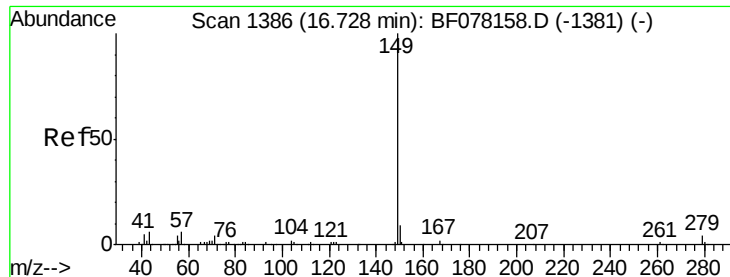
Tot Ion:228 Resp: 294476
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.2 36.4
 229 19.5 15.8 23.8



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 27.85 ng
 RT: 15.95 min Scan# 1318
 Delta R.T. 0.01 min
 Lab File: BF078235.D
 Acq: 3 Apr 2015 9:50

Tgt Ion:149 Resp: 224159
 Ion Ratio Lower Upper
 149 100
 167 26.1 22.2 33.2
 279 3.2 3.2 4.8





#84

Di-n-octyl phthalate

Concen: 29.73 ng

RT: 16.76 min Scan# 1389

Delta R.T. 0.03 min

Lab File: BF078235.D

Acq: 3 Apr 2015 9:50

Instrument :

BNA_F

ClientSampleId :

COMP-4MSD

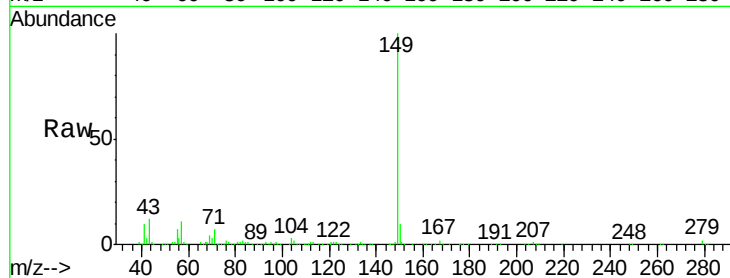
Tot Ion:149 Resp: 392957

Ion Ratio Lower Upper

149 100

167 1.7 0.0 0.0#

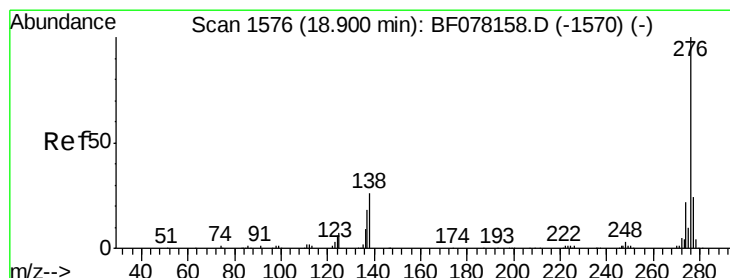
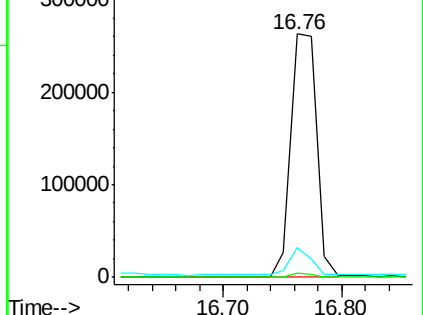
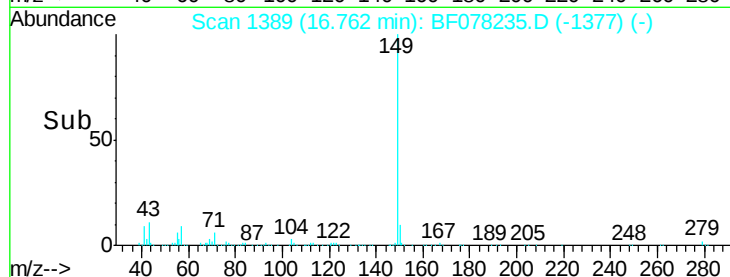
43 9.2 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 25.48 ng

RT: 19.01 min Scan# 1586

Delta R.T. 0.11 min

Lab File: BF078235.D

Acq: 3 Apr 2015 9:50

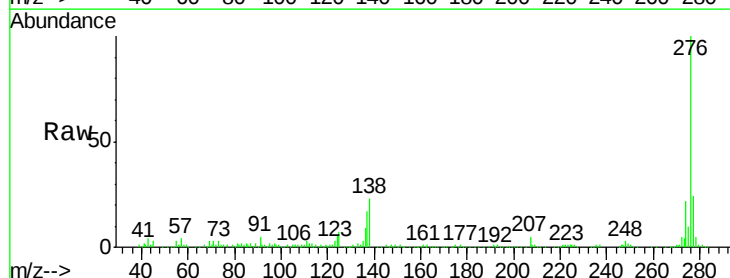
Tgt Ion:276 Resp: 346688

Ion Ratio Lower Upper

276 100

138 28.5 16.9 25.3#

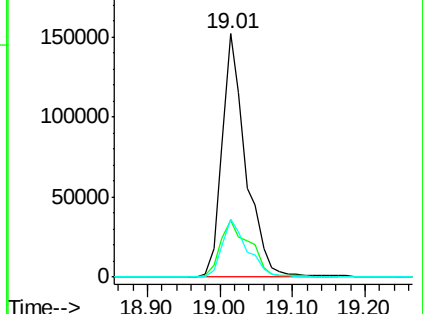
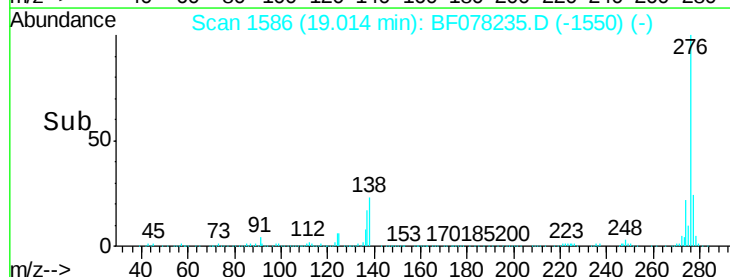
277 25.4 15.8 23.6#

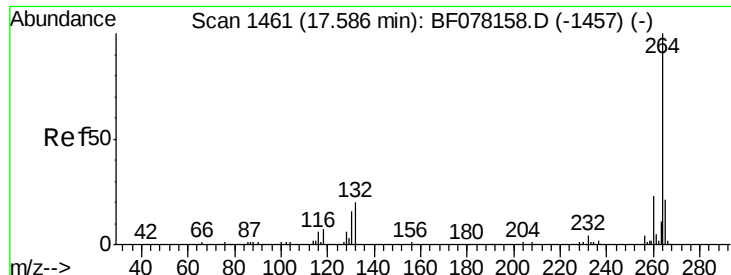


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

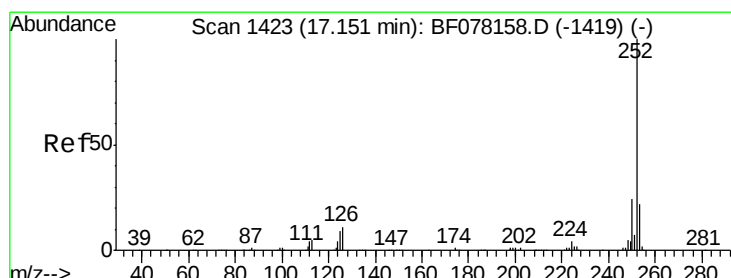
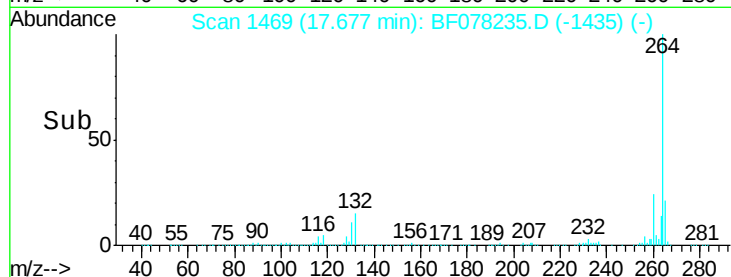
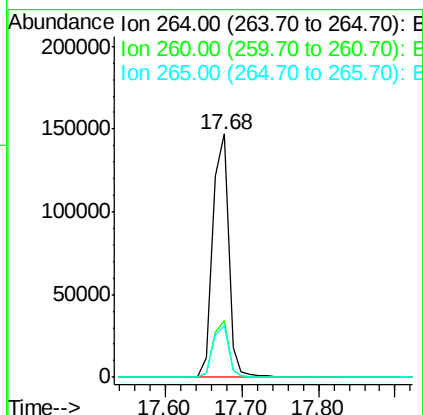
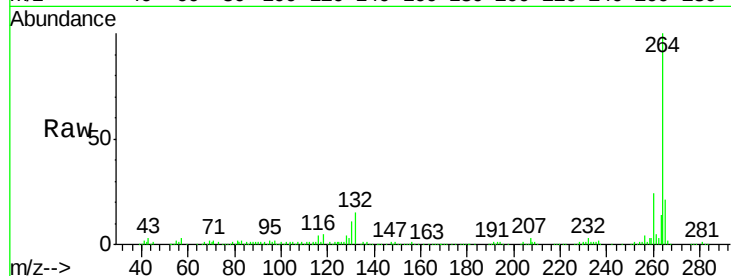




#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.68 min Scan# 1469
Delta R.T. 0.09 min
Lab File: BF078235.D
Acq: 3 Apr 2015 9:50

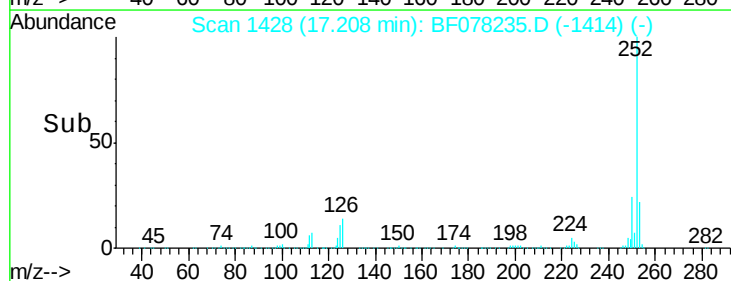
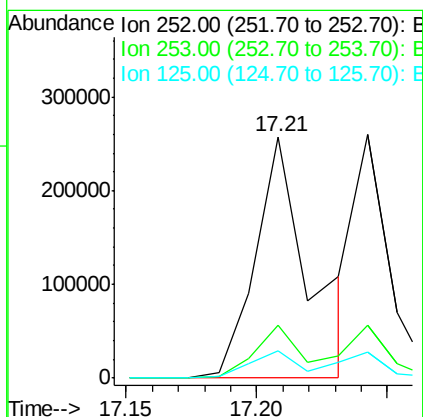
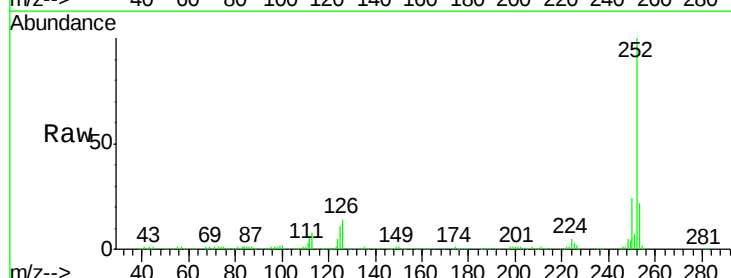
Instrument :
BNA_F
ClientSampleId :
COMP-4MSD

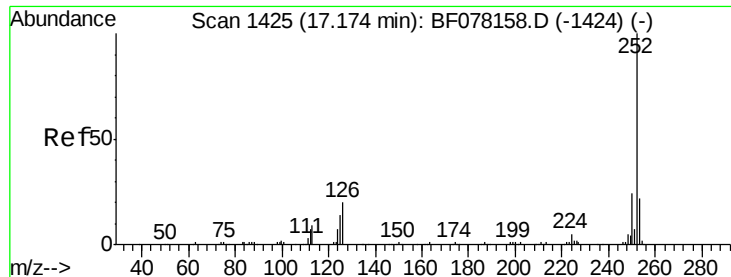
Tot Ion:264 Resp: 210732
Ion Ratio Lower Upper
264 100
260 23.6 18.6 27.8
265 21.4 17.0 25.6



#87
Benzo(b)fluoranthene
Concen: 28.64 ng
RT: 17.21 min Scan# 1428
Delta R.T. 0.06 min
Lab File: BF078235.D
Acq: 3 Apr 2015 9:50

Tgt Ion:252 Resp: 373063
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 11.3 7.0 10.4#

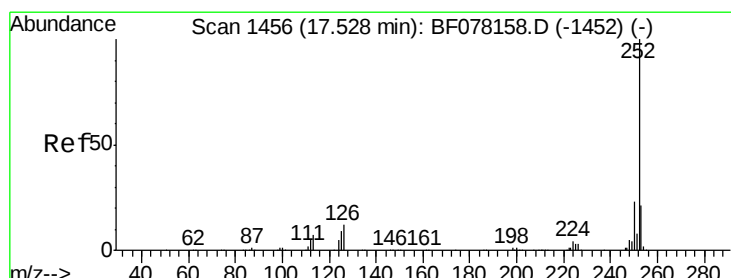
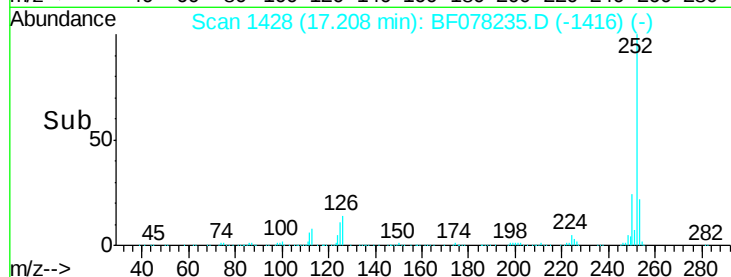
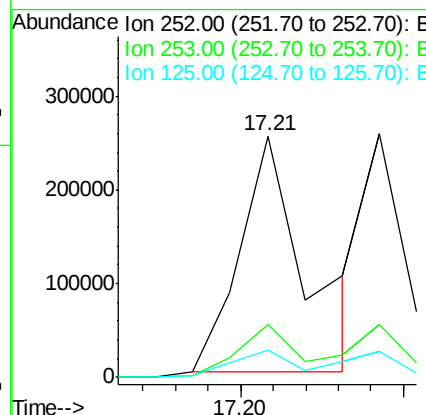
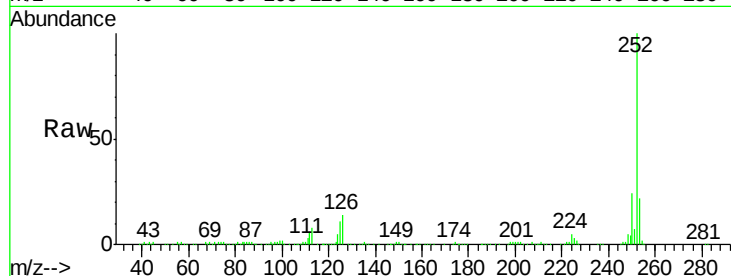




#88
Benzo(k)fluoranthene
Concen: 30.65 ng
RT: 17.21 min Scan# 1428
Delta R.T. 0.03 min
Lab File: BF078235.D
Acq: 3 Apr 2015 9:50

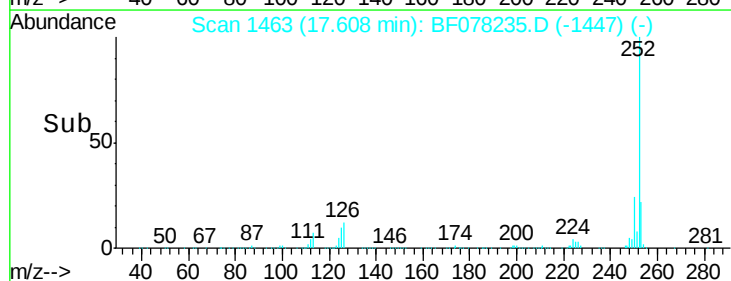
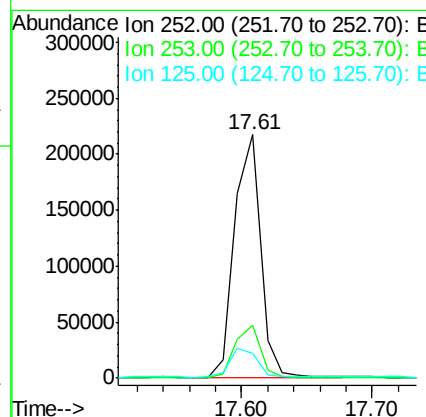
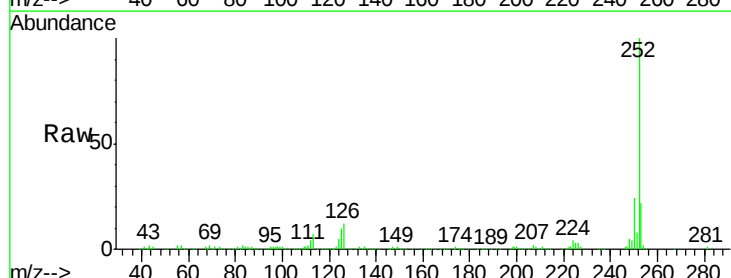
Instrument :
BNA_F
ClientSampleId :
COMP-4MSD

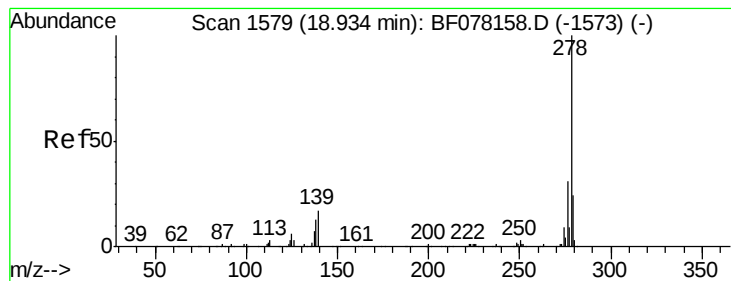
Tot Ion:252 Resp: 354747
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 11.3 11.6 17.4#



#89
Benzo(a)pyrene
Concen: 26.92 ng
RT: 17.61 min Scan# 1463
Delta R.T. 0.08 min
Lab File: BF078235.D
Acq: 3 Apr 2015 9:50

Tgt Ion:252 Resp: 305959
Ion Ratio Lower Upper
252 100
253 21.6 16.8 25.2
125 9.9 7.4 11.0





#90

Dibenzo(a,h)anthracene

Concen: 24.40 ng

RT: 19.05 min Scan# 1589

Delta R.T. 0.11 min

Lab File: BF078235.D

Acq: 3 Apr 2015 9:50

Instrument :

BNA_F

ClientSampleId :

COMP-4MSD

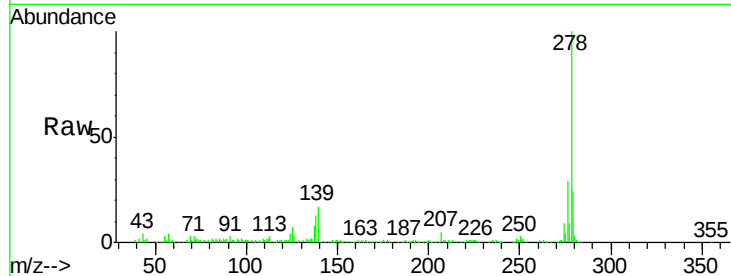
Tot Ion:278 Resp: 277702

Ion Ratio Lower Upper

278 100

139 16.8 13.6 20.4

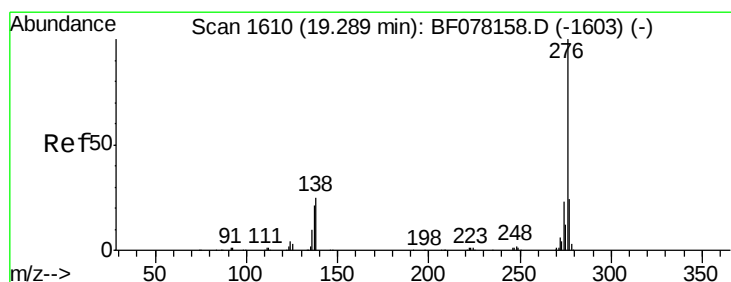
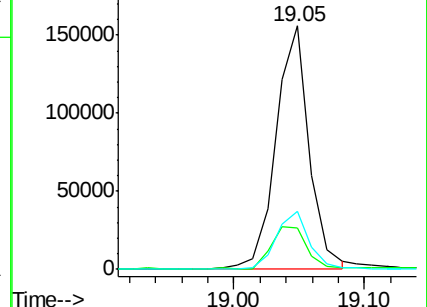
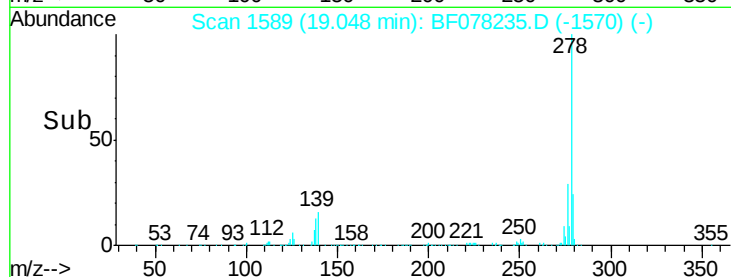
279 24.0 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 25.15 ng

RT: 19.40 min Scan# 1620

Delta R.T. 0.11 min

Lab File: BF078235.D

Acq: 3 Apr 2015 9:50

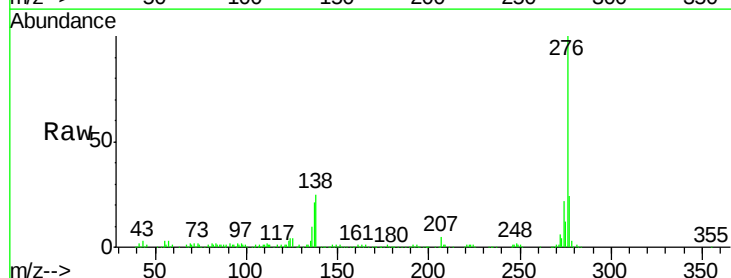
Tgt Ion:276 Resp: 286897

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 24.6 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

